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Publication Series, 8

COLON CLASSIFICATION

(Revised Edition)

MADRAS LIBRARY ASSOCIATION

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COLON CLASSIFICATION

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PART I Rules of Classification

PART II Schedules of Classification

PART III Index to the Schedules

PART IV Examples of Call Numbers



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To
MY BELOVED PROFESSOR
EDWARD B. ROSS

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(SECOND EDITION)

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PREFACE

BY

THE MADRAS LIBRARY ASSOCIATION

WITH the object of spreading the essential ideas of Library Movement and of directing thought towards the creation of a library service suited to our country, the Madras Library Association inaugurated its Publication Series in 1929. The first volume, *The library movement* was by Divers Hands. The next six volumes were all by S. R. Ranganathan. As their titles show they dealt with technical and practical aspects of library work: *The five laws of library science*, 1931; *Colon classification*, 1933; *Classified catalogue code*, 1934; *Library administration*, 1935; *Prolegomena to library classification*, 1937; *Theory of library catalogue*, 1938. All these volumes have circulated well both in India and abroad.

As another instalment of this Publication Series the Association now publishes a second (*revised*) edition of the *Colon classification* the manuscript of which Mr. S. R. Ranganathan has been good enough to place at its disposal.

The fourth part of the book, which gives about 3,000 examples of Call Numbers, is a reprint of the Classified Part of the 1938 Supplement of the Catalogue of the Madras University Library. The Association is indebted to the Vice-Chancellor and the Syndicate of the University of Madras for permission to take reprints for issue as part of this publication.

The Association hopes that this volume will circulate as widely as its predecessors and that it will help libraries in India and elsewhere to organise their work in an efficient, scientific and serviceable way.

INTRODUCTION

TO THE FIRST EDITION

THE purpose of this book is neither to expound the general philosophy of classification nor to discuss the theories of book classification. Information on the former subject can be had in any good book on logic and on the latter in *The manual of classification* by W. C. Berwick Sayers (and in my *Prolegomena to library classification*). The aim of the book is to give a working manual for classifying books according to the scheme of classification which has been termed the "Colon Classification".

The *Colon classification* differs from Dewey's *Decimal classification* and the volumes of *Congress classification* in some fundamental respects. It is their manifest aim to provide a ready-made Class Number for most topics. Hence, such manuals consist, for the most part, of the Schedules of Classification. And their Schedules are by several times larger than that of the *Colon classification*.

In the *Colon classification*, however, ready-made Class Numbers are not assigned to topics. The Schedule in the *Colon classification* may be said to consist of certain standard unit schedules. The standard unit schedules correspond to the standard pieces in a Meccano apparatus. Even a child knows, that, by combining these standard pieces in different ways, many different objects can be constructed. So also, by combining the classes in the different unit schedules in assigned permutations and combinations, the Class Numbers for all possible topics can be constructed. In this scheme, the function of the Colon (:) is like that of the bolts and nuts in a Meccano set. (*Vide* Fundamental constituent terms *vs.* derived composite terms in the *Prolegomena to library classification*. Pp. 135-139.)

A more detailed account of the part played by the symbol "colon" is given in Section 61 of Chapter 6 of Part I.

Certain other devices enumerated in Chapter 6 of Part I also act as connecting apparatus.

One natural result of this method of giving certain standard schedules, rather than ready-made Class Numbers for topics, is the extraordinary mnemonic quality that the Scheme has acquired. It has been felt in the libraries using this Scheme that, after a little experience, the need for looking into the

INTRODUCTION

Schedule becomes increasingly small; and this is so even for specialised monographs requiring a long drawn out Class Number.

It has been found necessary to give, in addition to the unit schedules, a set of Rules for constructing the Class Numbers with the aid of the unit schedules. The spirit of standardisation has greatly simplified the Rules themselves. The first six chapters which occupy a third of the First Part bring together many of the general Rules and Devices and discuss them once for all; with the result that the chapters devoted to the classification of specific subjects gain considerably in brevity and clarity.

Another feature of this scheme is the very great minuteness of classification in most of the subjects. Even extremely specialised monographs get individualised in this scheme more easily than in other schemes. It is a matter of experience that such a detailed classification is quite necessary if all the resources of a library on every topic, however great its intension, are to be disclosed with the least expenditure of time.

In addition to the great minuteness of its classes, this scheme is much more hospitable than any other, owing chiefly to the Eight Devices explained in Chapter 6 of Part I. This can be experienced in the schedule of almost every subject.

Further, the notation being completely decimal, its elasticity is quite commensurate with the hospitality of the schedules. The length of notation is proportionate to the intension; thus the Call Number of a common text-book will be very short.

Topics in Indology have been worked out in far greater detail than in other schemes. Books on Indology are numerous not only in Indian libraries but also in many foreign libraries. The Indological schedules will also be of use in classifying Oriental Manuscript Libraries. It is hoped to include in the next edition similar detailed schedules for other oriental subjects as well.

This scheme has been in use in the Madras University Library for nearly ten (now sixteen) years and has behaved admirably, in spite of the large number of specialised books and monographs which the library possesses.

LENGTH OF NOTATION

An abnormally long class number given in the first edition to illustrate the extreme length to which it can go and lack of opportunity to apply the scheme to a varied collection appear to have misled some to believe that the Colon Notation is long. Pages 83-89 of the *Prolegomena to library classification* contain a systematic statistical analysis of this question. It is proved mathematically that the Colon Notation is distinctly shorter than the Decimal Notation whatever be the measure of length taken.

An important respect in which the Colon Classification differs from other schemes is its ideal to individualise every topic. This ideal it realises with a remarkably short notation.

A random selection of about 250 articles from the *Encyclopaedia Britannica* was used for practical work in classification in the last year's session of the School of Library Science of the University of Madras. The class numbers were worked out (1) to the maximum possible intension by Decimal Classification, (2) to the same degree of intension by Colon Classification and (3) to the maximum possible intension by Colon Classification, which resulted in exact individualisation in most cases.

Then the averages of the length of the notation were calculated. The result was as follows:

Average number of digits in class number

- | | | |
|---|----|-----|
| 1. Decimal (Maximum possible intension) | .. | 5.8 |
| 2. Colon (Same intension as above) | .. | 5 |
| 3. Colon (Maximum possible intension, resulting in individualisation of topics) | .. | 6.5 |
| 4. Decimal (Individualisation of topics not possible). | | |

Should individualisation of topics be aimed at or should it be sacrificed to keep the notation within "economic limits"?

Bliss stands for the latter. Many of his criticisms of the Colon Classification are traceable to that position.

The Colon Classification works for the former, without too much violence to "economic limits", as statistical analysis shows.

Indeed the chief field for future research by classificationists is the invention of more powerful principles by which individualisation of topics can be secured with even a shorter notation.

INTRODUCTION TO THE SECOND EDITION

This revised edition does not essentially differ from the first. But the following distinctive features may be noted:

(1) In response to the suggestion of Mr. Wm. Stetson Merrill and other friends in various countries that there should be plenty of illustrations, a fourth part has been added. It gives about 3,000 examples of class numbers constructed according to the Colon Scheme. These are in effect chosen at random: they represent books (other than current volumes of periodical publications) added to the Madras University Library in 1938.

This part may be useful to:

(a) Librarians who work in libraries already classified by other schemes and therefore find no opportunity to try the Colon Scheme in practice;

(b) Freshmen who have to learn the subject; and

(c) Libraries anxious to classify their collections but unable to engage full-timed trained librarians or assistants.

The substantive part of the book continues to be practically of the same size as before, although the size of the book as a whole has nearly doubled as a result of the addition of the fourth part.

(2) Since the publication of the first edition the foundations of the theory of classification have been critically explored and reconstructed in the *Prolegomena to library classification*. The whole scheme has now been subjected to the searchlight of its twenty-eight canons and minor maladjustments—mostly relating to the Octave Principle and the Unscheduled Mnemonics—have been set right.

(3) To satisfy the Canon of Currency certain terms have been changed, the major changes being that of 'Philology' to 'Linguistics' and 'Politics' to 'Political Science'. In the light of the same Canon 'Anthropology' has been transferred from the Main Class 'V History' to the Class 'Y1 Sociology'.

(4) The schedules for Common Subdivisions, Sound, Electricity, Technology, Biology, Public Health, Indian Philosophy, Sociology and Law have been revised or recast in the light of the experiments and observations made during the last

INTRODUCTION TO THE SECOND EDITION

five years. About 800 new divisions have been added to the schedules as a whole.

(5) The schedules illustrating the Classic Device have been enlarged. About 300 new classics have been added.

(6) The 'Last Octave Principle', one of great potentiality, has newly been enunciated in Rule 661. The associated 'Penultimate Octave Principle' follows in Rule 662.

(7) The Auto-Bias Device mentioned in the *Prolegomena to library classification* has been enunciated in Rule 683 as a special form of the Bias Number Device.

(8) Schedules have been added for Mechanics, Veterinary Science, Ancient Tamil Poetry, Jainism, Buddhism, Judaism, Christianity, Zoroastrianism and Anthropology.

(9) A new Main Class ' Δ Spiritual Experience and Mysticism' has been introduced. Its necessity, scope and resource are explained in chapter Δ .

PART I
RULES OF CLASSIFICATION

11

01 CALL NUMBER

01 The CALL NUMBER of a book is the symbol which individualises it. It fixes its position in the shelves relative to the other books. It is also used by readers in calling for books.

It has been shown in my *Five laws of library science* that the proper arrangement of books in a library is the classified arrangement on a subject basis. Any other mode of arrangement such as by authors, or size, has been shown to be either ineffective or inconvenient. It is a matter of experience that the interest of the readers goes by the subject matter of the books rather than by the author (except in Literature) or by any other consideration. Hence, a classified arrangement on a subject basis will facilitate the finding of his book by every reader, will increase the chance of every book getting its reader and will also save the time of the reader.

It is not enough if the subject of a book is indicated in ordinary words. Then the daily arrangement of books will require the services of persons who know the relative order of all the subjects and their detailed subdivisions. It is not only impossible to get the services of such persons but it would also be wasteful. Hence, the subject of the book ought to be translated into suitable numbers whose ordinal arrangement is easy.

In some libraries the Call Number does not actually individualise books. That is to say, it is possible for more than one book to get the same Call Number. It is desirable, however, to remove this ambiguity, i.e., to satisfy the Canon of Individualisation and it is not difficult to do so.

In libraries which do not adopt the 'open access' system, the task of picking out books will become very difficult if their positions are not definitely given. In such cases, the Call Number is used to supply the necessary information.

In some libraries books are placed permanently in particular shelves and their positions are indicated by what are known as Press-marks. In such a rigid arrangement it will not be practicable to bring together all the books on the same subject, if the library is a growing one. Fixing the position of a book relative to the other books rather than in relation to the racks or shelves is the only correct method. Hence, the Call Number has taken the place of the Press-mark.

011 The CALL NUMBER consists of two parts—the CLASS NUMBER and the BOOK NUMBER.

CALL NUMBER

Chapter 02 of the Rules will deal with the Class Number and Chapter 03 with the Book Number.

012 A double space is ordinarily to separate the Book Number from the Class Number.

e.g. B43 F6, C56 113F9

0121 On the back of the book and on the back of the title-page, however, the Book Number is to be written below the Class Number.

e.g. B43 . C56
 F6 . 113F9

02 CLASS NUMBER

02 A CLASS NUMBER is a symbolic translation of the subject of the book.

021 A CLASS NUMBER is an ordinal number which consists of an intelligible concatenation of one or more of the ten Arabic numerals, the fifty-two letters of the Roman alphabet, capital and small, the symbol Δ , a colon and a dash.

For convenience of later reference, we shall refer to each group of these symbols as a *species*. That is to say, the Arabic numerals, the capital letters and the small letters form three different species of symbols and each of the other three symbols belong to different species. It is usual to aim at purity in notation, *i.e.*, to have as few species as possible in the Class Number. (*Vide Prolegomena to library classification*, pp. 73 to 78). In the Dewey Decimal Classification, the numbers consist only of two species—Arabic numerals and a dot. In the Cutter Classification, the numbers consist entirely of capital letters. In the Congress Classification, the numbers consist of capital letters, a dot and Arabic numerals. In the Brussels Scheme, a large number of species of symbols is used. In the Colon Scheme, six species have been used. On account of the important role played by the symbol *Colon* in the notation of this Scheme, the Scheme itself is called the Colon Classification. (*Vide* Section 61 of Chapter 6.).

When it is said that the Class Number consists of an intelligible concatenation of symbols, it is meant that the concatenation is intelligible in the light of or in accordance with the rules framed for the purpose.

022 Each one of the symbols in a class number is called a digit.

023 The digits are written from left to right.

024 The place value of the digits is as in decimal-fractions.

The advantage of using the decimal-fraction notation is that it gives great elasticity to the notation. In other words, any number of numbers can be conveniently interpolated between two consecutive numbers. For example, if 22 and 23 are read as integers, we cannot interpolate another integer between them. But, if they are read as decimals, 221, 222, . . . 229 lie between them, and hence can be interpolated between them. Again 2211, 22112 . . . etc., lie in that interval.

CLASS NUMBER

In fact, this is a peculiarity of the decimal notation which was first explicitly pointed out by the mathematician Peano and was first used for classification purposes by Melvil Dewey. It can be seen that the addition of a digit on the right does not in any way affect the place value of the already existing digits. But, on the other hand, it would completely change the place value if the numbers are used as integers.

The decimal-fraction notation gives full satisfaction to the Canon of Hospitality in Chain. The hospitality is really infinite. It also secures conformity to the Canon of Relativity.

024 The symbols used in constructing the Class Number shall be taken to fall in the following order if arranged in the ascending order of their absolute magnitude:—*a, b, c, d, e, f, g, h, i, j, k, l, m, n, o, p, q, r, s, t, u, v, w, x, y, z, 0, ;,—, 1, 2, 3, 4, 5, 6, 7, 8, 9, A, B, C, D, E, F, G, H, I, J, K, L, M, Δ, N, O, P, Q, R, S, T, U, V, W, X, Y, Z.*

0241 Any number followed by a small letter shall have precedence over the number itself.

e.g. B63*v* has precedence over B63. L23:45*a* has precedence over L23:45.

025 The process of assigning the CLASS NUMBER to a book is really that of finding out successively the digits that make up the CLASS NUMBER.

To put it in other words *Classifying* a book implies (1) the assignment of the book to the appropriate class of the scheme of classification by ascertaining the way in which each of the characteristics appropriate to the class is shared by the book; and (2) giving to the book the Class Number which represents that class.

The later chapters of this part will give the rules relating to the determination of the successive digits.

026 The ULTIMATE CLASS of a book is the class of the smallest extension and the greatest intension in which it can be placed.

Taking, for example, Askwith's *Analytical geometry* the Main Class in which it should be placed is *Mathematics*. But, *Mathematics* is too large a class for the book. Hence, we should take the subclass *Geometry* which is more appropriate. *Geometry* again is too extensive and we shall have to subdivide it still further and put the book in *Plane Geometry*. As a matter of fact, even *Plane Geometry* is too big a class for the book. We shall have to subdivide it and actually put the book in the class *Curves of the Second Degree*. Perhaps it may be convenient to subdivide it still further and arrive at the class *Analytical Geometry of the Curves of the Second Degree*. The subject of the book will not admit of going further down the scale of subdivisions. Thus,

CLASS NUMBER

Analytical Geometry of the Plane Curves of the Second Degree is the ultimate class of the book in question.

Similarly, let us consider Florence Emily Hardy's *Life of Thomas Hardy*. To arrive at the ultimate class of the book, we shall have to go down the sequence *Literature, English Literature, Fiction, Hardy, Biography of Hardy*. The classes in this sequence are arranged in descending order of extension and ascending order of intension and the ultimate class of the book is *Biography of Hardy, the English Novelist*.

03 BOOK NUMBER

03 The purpose of the BOOK NUMBER is to individualise the books having the same Ultimate Class.

031 The BOOK NUMBER is an ordinal number which consists of an intelligible concatenation of one or more of the ten Arabic numerals, the capital letters of the Roman alphabet, a dot and a dash.

0311 Each one of the symbols in a book number is called a digit.

0312 The digits are written from left to right.

0313 The place value of the digits is as in decimals except in the cases covered by the Rules 035, 036, and 037 of this Chapter.

0314 The symbols used in constructing the BOOK NUMBER shall be taken to fall in the following order if arranged in the ascending order of their absolute magnitude: A, B, C, D, E, F, G, H, I, J, K, L, M, N, N, O, P, Q, R, S, T, U, V, W, X, Y, Z, —, 0, 1, 2, 3, 4, 5, 6, 7, 8, 9.

032 The BOOK NUMBER may consist of one or more of five parts, *viz.*, the Language Number, the Date Number, the Accession Part of the Book Number, the Volume Number and the Supplement Number. These parts are to be written in the order given above without interspace between the parts.

The need for Book Number is discussed in the *Prolegomena to library classification*, pp. 175-181.

In this system, the Book Number is decided ordinarily by the language in which the book is written and its date of publication. In extraordinary cases, certain other factors, corresponding to the last three parts of the Book Number, are used in addition in the construction of the Book Number. (*Vide* Rules 035 and 537 and their sub-Rules.)

In some libraries, the individualisation of books in an ultimate class is done, in a partial manner, by writing the first three letters of the name of the author of the book below the Class Number. It can be easily seen that the names of more than one author may have the same first three letters and hence in this method the books do not get com-

BOOK NUMBER

pletely individualised. Some libraries try to improve upon it by adopting some additional devices.

But, a more useful characteristic for individualising the book is its date of publication. After all, if we remember that the library is a growing organism, it is more often the date of publication that determines the value of the book than the author except, of course, in literature and in the classics of the other subjects which form independent classes by themselves in this scheme. The majority of readers are interested in the latest books in an ultimate class, while antiquarians may be interested in the oldest books. Hence, the chronological arrangement of books in an ultimate class will not only save the time of many readers but also give them greater satisfaction. Hence, in this system the date of publication forms an essential part of the Book Number.

It is felt further that it may be convenient for most of the readers if the books in an ultimate class written in different languages are separated. Hence, the language of the book also forms an essential part of the Book Number.

033 The Language Number

033 The Language Number is got by translating the language in which the book is written into appropriate symbols in accordance with the language schedule, given as Schedule 4 of Part II.

It will be convenient at this stage to introduce two definitions.

0331 The FAVOURED LANGUAGE of a library is the language in which the majority of the books of the library are written.

Normally the language of the country is likely to be the Favoured Language. But under the peculiar conditions of India, and Madras, in particular, the Favoured Language of many of the libraries, at present, is likely to be English.

0332 Each library should have a descending scale of popularity for the languages, the Favoured Language being given the first place. Among a given set of languages the MOST POPULAR LANGUAGE is the language which occurs earliest in the scale of popularity.

It is not easy to give a definite and unique measure for arranging the languages in the order of popularity. But each library may be able to decide from experience some working scale. All that is wanted is that the scale should be a fixed one. For example, in the University Library at Madras, where English is used as the Favoured Language, the scale of languages is as follows:—English, Tamil, Malayalam, Telugu, Kanarese, Sanskrit, Hindi, Urdu, French, German, etc.

BOOK NUMBER

If a book is written in more than one language, three important cases may arise. Either the book may consist of the same matter in more than one language or it may consist of a classic with commentaries in one or more languages or simply of commentaries of a classic in more than one language. Practically these are the only types of polyglot books that will have to be considered. If any other type occurs, it may be dealt with in an analogous manner.

The three following Rules deal with the three types mentioned above.

0333 In the case of a book consisting of the same matter in more than one language, the Most Popular of the Languages in which the matter occurs is to be used to construct the Language Number.

0334 In the case of a book consisting of a classic with commentaries in one or more languages,

(a) if the classic is of greater importance than the commentaries, the language in which the classic is given is to be used to construct the Language Number; and

(b) if the classic is of less importance than the commentaries, the Most Popular of the Languages in which a commentary occurs is to be used to construct the Language Number.

0335 In the case of a book consisting of two or more commentaries of a classic but not containing the classic itself, the Most Popular of the Languages in which a commentary occurs is to be used to construct the Language Number.

0336. In the case of a book belonging to a Main Class other than 'Literature', if it is in the Favoured Language or if the language to be used to construct the Language Number is the Favoured Language, the Language Number need not be written.

This rule is intended to effect economy in notation. As, by definition, the majority of the books in a library should be in the Favoured Language, this rule results, really, in saving a large amount of labour and time. It also reduces the Book Number to two digits in the case of a majority of books in a library. Incidentally, this rule leads to another desirable effect. According to this rule, among the books in any ultimate class, the group of those in the Favoured Language will have precedence over the groups in the other languages.

0337 In the case of a book belonging to the Main Class 'Literature', if the language of the book is the same as the

BOOK NUMBER

language of the literature, the Language Number need not be written.

This rule also is intended to effect economy in notation. Normally the majority of the books falling in the Main Class 'Literature' are likely to be in the language of that literature. Hence it is an advantage to suppress the Language Number if the language of the book is the same as the language of the literature. A few books such as translations, biographies, criticisms, etc., may be in languages other than the language of the literature. In such cases, the Language Number ought to be written. It may be explicitly stated here that even if the language of the book or the language to be used to construct the Language Number is the Favoured Language, the Language Number ought to be written.

034 The Date Number

034 The Date Number is got by translating the decade of publication into appropriate symbols (capital letters of the Roman alphabet) in accordance with the following schedule and putting thereafter in Arabic numerals the number of the year of publication within the decade:—

CHRONOLOGICAL TABLE FOR BOOK NUMBER

A Before 1880	J 1960 to 1969	S 2050 to 2059
B 1880 to 1889	K 1970 to 1979	T 2060 to 2069
C 1890 to 1899	L 1980 to 1989	U 2070 to 2079
D 1900 to 1909	M 1990 to 1999	V 2080 to 2089
E 1910 to 1919	N 2000 to 2009	W 2090 to 2099
F 1920 to 1929	O 2010 to 2019	X 2100 to 2109
G 1930 to 1939	P 2020 to 2029	Y 2110 to 2119
H 1940 to 1949	Q 2030 to 2039	Z 2120 to 2129
I 1950 to 1959	R 2040 to 2049	AA 2130 to 2139
		AB 2140 to 2149
		etc.

The above chronological table has been prepared purely with the conditions of the Madras University Library in view. Since the library itself was formed only twenty-five years ago, most of its books are those published in recent years only. It has been found that no ultimate class contains more than a few books published before 1880. Such a condition is likely to obtain in many of the Indian libraries. In the case of older libraries the starting point of the chronological table may be some suitable year earlier than 1880. In the case of very ancient libraries and manuscripts libraries, it may be better to use the divisions of the Chronological Schedule given as Schedule 5 of Part II.

BOOK NUMBER

The following are some examples of the translation of the year of publication into symbols:—1929 = F9, 1930 = G0, 1939 = G9, 1965 = J5.

0341 The date of publication of a work is the year which is given in the imprint of the title page.

0342 If a book is a facsimile reproduction of another book the date given in the facsimile title page is to be taken as the year of publication.

0343 Subject to the provisions of Rule 0342, if there be more than one title page giving a year in the imprint, the latest of such years is to be taken as the year of publication.

0344 If the year of publication is not given in the imprint of the title page but one or more years are given on the back of the title page, the latest of such years is to be taken as the year of publication.

0345 If no year is given either in the imprint of the title page or on its back, or if the book has no title page, the latest of the years given under the preface or inferable from any other part of the book is to be taken as the year of publication.

0346 If the year of publication cannot be inferred from any part of the book, it is to be found from books of reference or from any other source of bibliographical information.

For the books in the English Language, the *English catalogue*, the *Reference catalogue*, the *British Museum catalogue*, the bibliographies given in books such as *Cambridge history of English literature*, and such other works, may be of use.

0347 If the year of publication cannot be found by any of these methods, the most probable year is to be guessed from the nature of printing, the nature of paper and such other information that may be available.

0348 If the year of publication is not taken from the title page or its back, the decision arrived at by the classifier must be checked by another person and if there is difference of opinion, the matter is to be referred to the Chief Librarian for final decision.

035 The Accession part of the Book Number

035 If more than one book of the library, having the same ultimate class, are written in the same language or have

BOOK NUMBER

the same language to be used to construct the Language Number and have also the same year of publication, the books are arranged in the order of accession when it can be ascertained or otherwise in any arbitrary order. In the case of the first book, the Book Number is to end with the Date Number. In the case of the second book, the Date Number is to be followed by 1; in the case of the third book, the Date Number is to be followed by 2; in the case of fourth book, the Date Number is to be followed by 3 and so on. In the case of the n th book, the Date Number is to be followed by $n-1$.

0351 The digit or digits thus added to the Date Number may be termed the Accession Part of the Book Number.

0352 If the Accession Part of the Book Number consists of more than one digit, it is to be read as an integer and not as a decimal.

It is obvious that if the library possesses more than one book published in a given language in a given year and belonging to a given ultimate class, the Book Number will not individualise them if it stops with the Date Number. But the addition of the Accession Part will remove the difficulty.

A library cannot decide in advance which of the books having the same ultimate class and published in the same year in the same language will be acquired by it. Hence, it has been decided that the most convenient way of arranging such books is to arrange them by the order of accession.

Further, when the first of such books is acquired, it cannot be known whether the library will get any other such book. In case it does not get any other such book the addition of '1' after the Date Number of the only book acquired may prove to be unnecessary. Nor will it be convenient to add '1' to the Date Number of the first book as soon as a second book is acquired, since the task of changing the number in numerous places, which will be necessary, will involve waste of time. Hence, it has been decided to leave the first book without the addition of the Accession digit and to add the Accession digit or digits only in the case of the later books.

It may be explicitly remarked that this Rule is also applicable to additional copies of one and the same book.

036 The Volume Number

It may happen that a work is in more than one volume. In such a case it would be desirable to devise the Book Numbers of the volumes in such a way that they are all brought together. The device that is employed for this purpose is given in Rule 0361. But before going to

BOOK NUMBER

that Rule, it will be convenient to formulate a test for deciding when the volumes of a set are to be kept together. The following Rule gives a set of sufficient tests.

036 A set of volumes is to be deemed to be indivisible if one or more of the following conditions hold good:—

(a) The set possesses a common index.

(b) The same sequence of pagination is continued throughout all the volumes of the set.

(c) The subject matter is promiscuously distributed among the volumes of the set so that it is not practicable to treat each volume as a separate book.

The tendency should be to separate the volumes of a set except under very rare circumstances. Then only the volumes will get placed along with the other volumes in cognate classes. Hence the tests have been so framed that a set will be deemed indivisible only under rare and exceptional circumstances.

0361 In the case of an indivisible set of volumes, the volumes of the set are to be individualised by putting a dot after the Date Number or the Accession Part of the Book Number, as the case may be, and putting the number of the volume in Arabic numerals after the dot.

03611 The digit or digits thus added after the dot may be termed the Volume Number.

03612 If it consists of more than one digit, it is to be read as an integer and not as a decimal.

The device given in the Rule secures in a very natural way that the volumes of the set are kept in their proper order.

If the volumes of an indivisible set are not published in the same year, the year that is to be used for the Date Number is indeterminate. The following Rule is enunciated to remove this indeterminateness.

0362 The date of publication of an indivisible set is the year in which the earliest published volume in the set is published.

One might ask why should not the year of publication of the first volume of the set be used for the construction of the Date Number. Not infrequently it happens that the volumes of an indivisible set are not published in a normal order. Exigencies may lead to the publication of a later volume before an earlier volume and in fact to the publication of the volumes in any irregular order.

BOOK NUMBER

Hence, if the labour of changing the numbers is to be avoided, it is obvious that the most convenient year that can be taken as the year of publication of the set is the year in which the first published volume in the set appears.

037 The Supplement Number

037 In the case of a volume which has supplementary volume or volumes, the Book Number of the supplementary volume or volumes is to consist of the Book Number of the corresponding main volume followed by a dash which is itself followed by the number of the supplement in Arabic numerals.

0371 If a supplementary volume relates to more than one volume of an indivisible set of volumes, its Book Number is to consist of the Book Number of the last of such volumes in the set, followed by a dash which is itself followed by the number of the supplement in Arabic numerals.

The result of this rule is to attach the supplementary volume to the last of the volumes to which it relates.

0372 The digit or digits thus added after the dash may be termed the Supplement Number.

0373 If it consists of more than one digit, it is to be read as an integer and not as a decimal.

0374 A Book Number which has a Supplement Number as its part is to come immediately after the Book Number which is made up only of the digits preceding the dash and if there be more than one supplement to a book they are to be arranged among themselves in the order of the Supplement Number.

Usually such supplementary volumes either contain additional information or maps or statistical tables which are not complete by themselves but have use only when read with the main volumes. Hence, it is usually found that it is more convenient if the supplementary volumes are all kept together with the main volumes in the order in which they appear. The device given in the Rules of this section is to secure this object.

1 MAIN CLASS DIGIT

10 The first digit of a Class Number is the symbol representing the Main Class of knowledge into which the book falls. It may be termed the MAIN CLASS DIGIT.

We now begin the rules relating to the construction of the Class Number part of the Call Number. The first digit is naturally to represent the Main Class of knowledge that occupies either the whole or the major portion of the book.

101 The twenty-eight classes into one and only one of which each book has to fall may be termed the Main Classes and the digits representing them are given in Schedule I of Part II.

The special device, that has been employed to make the Main Classes totally exhaustive, consists in the introduction of certain generalia classes, viz., the Generalia Class proper which has no letter attached to it, the Science (General) Class which is represented by *A*, the Natural Science (General) Class which is represented by *G*, the Useful Arts Class which is represented by *M* and the Miscellaneous Social Sciences Class which is represented by *Y*. The existence of composite books is another reason which necessitates the introduction of such generalia classes.

The task of making the twenty-eight Main Classes mutually exclusive is by no means easy, since the terms used to name these classes are not definite in their denotation. The boundary lines between the different Main Classes are never either clear or definite. Sciences usually shade into one another and the boundary line gets shifted from time to time. Hence, the only practical way in which the terms can be made definite is to define these terms by successive sub-divisions*. This will be done in the later chapters. The mutual exclusiveness of the classes will be secured by taking care to see that the subdivisions are so constructed as to avoid overlapping. Further, once the subdivisions get themselves attached to particular Main Classes, due care should be taken to see that they are not disturbed from their position. In other words, the library should be absolutely consistent in the use of the subdivisions.

It can be seen that these twenty-eight Main Classes fall into four broad groups. The classes *A* to *M* constitute the group 'the Sciences and their applications'. Δ forms a group by itself. The classes *U* to *Z* relate to the subjects that deal with 'Man in society'. The remain-

* *Vide* Canon of Enumeration developed in the *Prolegomena to library classification*.

MAIN CLASS DIGIT

ing divisions relate to the other humanistic subjects. There is some kind of evolutionary relation among the classes of each group, as shown in pp. 204-206 of the *Prolegomena to library classification*. The appropriateness of the placing of Δ between the sciences and the humanities will be shown in chapter Δ of this part.

Any book dealing with more than one of the classes *H* to *L* is to be placed in the class *G*. Any book which deals with more than one of the Sciences, *i.e.*, with more than one of the classes *B* to *M*, but one at least of which falls outside and one at least inside the group of classes *G* to *L*, is to be placed in the class *A*. Any book which deals with more than one of the classes *Q* to *Z* is to be placed in the class *Y*. Finally any book which deals with more than one subject, one at least of which falls outside and one at least inside the group of the scientific subjects, is to be put in the class 'Generalia'.

11 To fix the first digit, the title, the contents, the preface, the index and the whole book are to be used in order. One is to go down the sequence as far as it is necessary.

In a majority of modern books the title, no doubt, indicates the Main Class of the book. But in certain cases, the title may be either non-significant or positively misleading. Hence, it may be necessary to check the decision made with the use of the title, by turning through the pages of the book in a rapid manner.

When the title is non-significant, the contents of the book may throw some light on its Main Class. But there are cases where it may not be possible to find the Main Class of the book except by reading it through. Roughly speaking about half a percent of the books in a library may involve such a long process to find out the Main Class. (*Vide* Chapter 9 of the *Prolegomena to library classification*.)

12 Rules governing the fixing up of the second and further digits will depend upon the first digit.

This Rule merely states the obvious fact that the subdivision of different subjects will have to proceed on different lines. Most of the later chapters are really devoted each to one Main Class.

While the commentaries on some of the rules in later chapters seek to discuss the definition of the terms used to denote the classes, the denotation of most of the classes is to be inferred, in conformity to the Canons of Context and Enumeration, from the filiatory order in which the classes are enumerated in the schedules of Part II.

2 COMMON SUBDIVISIONS

2 Subdivisions which may occur in many classes may be termed **COMMON SUBDIVISIONS**.

There are certain subdivisions which may occur in many classes, for example, we may have to provide for the subdivisions;—bibliography, biography, collected works, conference, history and so on in the case of many classes. It will be convenient if the same Common Subdivision is always represented by the same symbol in all cases. The mnemonic table of Common Subdivisions is built up with this object in view and has been included among the preliminary tables.

21 The Common Subdivisions and the digits representing them are given as Schedule 2 of part II.

It is not maintained that every one of these Common Subdivisions will be applicable to every class. All that is intended is that they may be applicable to many classes. For example, *Bv* is History of Mathematics, *Pv* is History of Linguistics, *Xv* is History of Economics, *C52v* is History of the Physics of X rays, *P111:J1v* is History of the Phonology of Modern English.

In certain subjects, some of the symbols used in this table will be given a special meaning. For example, in Literature *c* will stand for 'Index of titles' and *e* will stand for 'Index of first lines'. In Linguistics *z* will stand for 'Comparative and genetic study'. Such special use of the symbols of the Schedule of Common Subdivisions will be indicated in subsection '8' of the chapters dealing with the respective subjects.

22 Any Class Number may, if possible, be amplified by the addition of a **COMMON SUBDIVISION NUMBER**, which shall consist of Common Subdivision digits, bare or amplified.

23 Unless otherwise specified the Class Number is to be worked out on the basis of the prescribed trains of characteristics to the fullest extent admitted by the book before it is amplified by a bare or amplified **COMMON SUBDIVISION NUMBER**.

231 In the case of biographies and some types of collected works, the **CLASS NUMBER** is to be worked out to the least extent possible. The exact extent has to be left to the flair of the classifier.

COMMON SUBDIVISIONS

24 Whenever warranted, two or more Common Subdivision numbers may be added in succession.

e.g. History of a laboratory will warrant successive amplification by *c* and *v*.

The manner in which Common Subdivision digits are to be amplified is given in the succeeding Rules of this Chapter. In most of these Rules the terms *Chronological Device* and *Geographical Device* will appear. Their meaning will be found in Chapter 6 of this Part.

2a The digit *a* may be amplified as the Generalia Class '1 Bibliography' is subdivided if the nature of the book warrants it or otherwise simply by the Chronological Device. The Chronological Number is to be worked out to two digits. The decade up to which the bibliography is brought, is to be used as the epoch.

The following few lines will illustrate the use of the Chronological Device, when fullfledged amplifications as in '1 Bibliography' is not warranted. Let us take the class *Principles of literary criticism* as an example. It is possible to have many bibliographies of this subject brought up to one of several periods, like the Aristotelian period, the Augustan period, the Elizabethan period, the Victorian period, the Georgian period and so on. If the digit *a* which comes after the Class Number of the class *Principles of literary criticism* is not amplified by the Chronological Device, all these bibliographies will get arranged simply by their dates of publication with the result that the bibliographies of the different periods get intermingled. On the other hand if the digit *a* is amplified by the Chronological Device as laid down in this Rule, the bibliographies will be grouped by the latest periods covered by them and the groups will themselves come in the normal chronological sequence. Certainly it is much more desirable to have them grouped like that.

2b The digit *b* as well as the subdivisions of *b* may be amplified first by the Geographical Device and then by the Chronological Device, the Geographical Number and the Chronological Number being separated by a colon. The Chronological Number is to be worked out to two digits. The latest decade about which the book gives information is to be used as the epoch. In the case of the bare digit *b* and the numbers *b1* and *b5*, a colon is to be put before the Geographical Number.

The common sub-division *b1* is to accommodate tests of qualifications only. The technique of applying the tests will go to the appropriate Main Classes. For example, the technique of testing physical fitness is to be classed in L:8 and the technique of conducting examinations or intelligence tests is to be classed in T:47.

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2c The digit *c* may be amplified, first by the Geographical Device and then by the Chronological Device, the Geographical Number and the Chronological Number being separated by a colon. If the book gives an account of a particular laboratory, the Chronological Number is to be worked out to three digits, the year of foundation of the laboratory being used as the epoch. Otherwise it is to be worked out to two digits only, the latest decade about which the book gives information being used as the epoch.

2d The digit *d* may be amplified in the same way as the digit *c* except that, if it refers to an exhibition, the year of the exhibition is to take the place of the year of foundation.

2e The digit *e* may have to be subdivided, whenever necessary, according to the nature of the Class Number which it amplifies.

There are likely to be many instruments related to any given class. In the case of a book which deals with more than one instrument, the class number is to be amplified by the bare digit *e*. But if a book deals with one single instrument only, it will be convenient to have *e* further subdivided. No attempt has been made in this edition to give the subdivisions of *e* that will be appropriate to the different classes. Except in very specialised libraries, the need for it may not arise. Such specialised libraries may work out a scheme of subdivision that satisfies the Canon of Mnemonics, enunciated in the *Prolegomena to library classification*.

2f The digit *f* may be amplified by the Chronological Device. The Chronological Number is to be worked out ordinarily to two digits. The decade, the conditions of which are represented by the map or atlas, is to be used as the epoch.

2g The digit *g* may not require any amplification.

2h The digit *h* is to be amplified first by the Geographical Device and then by the Chronological Device, the Geographical Number and the Chronological Number being separated by a colon. The country in which the institution is situated is to be used to construct the Geographical Number. The Chronological Number is to be worked out to three digits. The year of foundation of the institution is to be used as the epoch.

2j The digit *j* may be amplified by the Chronological Device. The Chronological Number is to be worked out to three digits, the year of birth of the person or the year of

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foundation of the institution, in whose memory or honour the book is written, is to be used as the epoch.

2*k* The digit *k* may not require any amplification.

2*l* The digit *l* is to be amplified first by the Geographical Device and then by the Chronological Device, the Geographical Number and the Chronological Number being separated by a colon. The country in which the Society had its headquarters at the time of foundation is to be used to construct the Geographical Number. The Chronological Number is to be worked out to three digits. The year of foundation of the Society is to be used as the epoch.

The term *society* is used to denote a Learned Society founded and maintained for the pursuit of one or more branches of knowledge. The digit *l* is to be used in the case of a book which gives an account of the Society. But in the case of occasional or periodical publications issued by the Society, the digit *l* is not to be used. Such publications are to be treated as ordinary books or as periodical publications as the case may be.

2*m* The digit *m* is to be amplified first by the Geographical Device and then by the Chronological Device, the Geographical Number and the Chronological Number being separated by a colon. The country in which the first volume of the periodical was published is to be used to construct the Geographical Number. The Chronological Number is to be worked out to three digits. The year in which the periodical was commenced is to be used as the epoch if it is not the organ of a Society. If it is the organ of a Society, the year in which the Society was founded is to be used as the epoch.

As a result of this rule, all the volumes of a specific periodical will get the same Class Number and will be brought together as their Class Number will be unique. They will be individualised by their Book Numbers.

2*m*1 When applied to further amplify the digit *m*, the digit *a* is to be used in the case of cumulative indexes. It may be amplified in accordance with Rule 2*a*.

2*m*2 If a volume of a set is in more than one part, the parts are to be regarded as an indivisible set in constructing the Book Number.

2*m*3 In the case of a periodical publication, the Language part of the Book Number need not be written.

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The Class Number of a periodical publication contains the Geographical Number of its place of origin. As a result of this, the periodical publications in any given subject will get themselves grouped by the countries. This would incidentally lead also to the grouping of the periodicals by languages except in a few anomalous cases. Hence the adding of the Language Number in the Book Number would be redundant.

2*m*4 If a Society publishes two or more periodical publications which treat of the same class of knowledge, the class number for the first is to be constructed as provided in rule 2*m* and the class numbers for the second, third, *etc.*, are to be got from that of the first by adding the digit 1, 2, *etc.*, respectively to it. If the number thus added be in two or more digits, it should be read as an integer and not as a decimal.

As a result of this rule, all the periodicals issued by the same Society and treating of the same class of knowledge will come together.

2*n* The digit *n* may be amplified first by the Geographical Device and then by the Chronological Device, the Geographical Number and the Chronological Number being separated by a colon. The country or any other geographical area about which the yearbook, *etc.*, gives information is to be used to construct the Geographical Number. The Chronological Number is to be worked out to three digits. The year of commencement of the yearbook, *etc.*, is to be used as the epoch.

As a result of this rule, all the issues of a specific yearbook, *etc.*, will get the same Class Number and will be brought together as their Class Number will be unique. They will be individualised by their Book Numbers.

2*n*1 If a volume of a yearbook, *etc.*, is in more than one part, the parts are to be regarded as an indivisible set in constructing the Book Number.

2*n*2 If the same Geographical Number or the same Chronological Number or both has or have been used in constructing the Class Number, which is amplified by the digit *n*, the Geographical Number or the Chronological Number or both, as the case may be, may be omitted in amplifying the digit *n*.

It is obvious that it would be redundant to repeat the same numbers both before and after the digit *n*.

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2p The digit *p* is to be amplified first by the Geographical Device and then by the Chronological Device, the Geographical Number and the Chronological Number being separated by a colon. The country or any other geographical area which engages the attention of the Conference, or, otherwise, to the people of which the membership of the Conference is primarily restricted, is to be used to construct the Geographical Number. The Chronological Number is to be worked out to three digits. If the Conference is a stray one, the year of the Conference is to be used as the epoch; if it is held periodically by a permanent agency and if it is desirable to bring together the proceedings of the successive sessions, the year of the first sessions is to be used as the epoch.

2p1 If the same Geographical Number or the same Chronological Number or both has or have been used in constructing the Class Number which is amplified by the digit *p*, the Geographical Number or the Chronological Number or both, as the case may be, may be omitted in amplifying the digit *p*.

It is obvious that it would be redundant to repeat the same numbers both before and after the digit *p*.

2q The digit *q* may be amplified, first by the Geographical Device and then by the Chronological Device, the Geographical Number and the Chronological Number being separated by a colon. The country or any other geographical area which is covered by the Bill, etc., is to be used to construct the Geographical Number. The Chronological Number is to be worked out to three digits. The year of the Bill, etc., is to be used as the epoch.

2q1 If the same Geographical Number or the same Chronological Number or both has or have been used in constructing the Class Number which is amplified by the digit *q*, the Geographical Number or the Chronological Number or both, as the case may be, may be omitted in amplifying the digit *q*.

It is obvious that it would be redundant to repeat the same numbers both before and after the digit *q*.

2r The digit *r* may be amplified by the Geographical Device. The country or the Geographical area which is covered by the Report is to be used to construct the Geographical Number.

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This will secure that the successive issues of one and the same Report will get the same Class Number and will be brought together as their Class Number will be unique. The different issues of the Report will be individualised by their Book Numbers.

It may be explicitly stated that the digit appropriate to the report of a Commission is t and not r ; similarly the digit appropriate to the report of a Conference is p and not r ; the digit appropriate to the report of a survey is u and not r .

2r1 If the same Geographical Number has been used in constructing the Class Number which is amplified by the digit r , the Geographical Number may be omitted in amplifying the digit r .

It is obvious that it would be redundant to repeat the same number both before and after the digit r .

2r2 If an issue of a Report is in more than one part, the parts are to be regarded as an indivisible set in constructing the Book Number.

2r3 If more than one type of Report are issued by the same body or institution, that is, if more than one type of report get the same Class Number by Rule 2r or 2r1, as the case may be,

(a) in the case of one of the types in the library, the Class Number constructed by Rule 2r or 2r1, as the case may be, is to be used without further amplification,

(b) in the case of the second, third, etc., types in the library, a colon is to be put after the Class Number constructed by Rule 2r or 2r1, as the case may be, and thereafter the number 1, 2, etc., respectively is to be added. If the number thus added is in more than one digit, it is to be read as an integer and not as a decimal.

2s The digit s may be amplified first by the Geographical Device and then by the Chronological Device, the Geographical Number and the Chronological Number being separated by a colon. The country or the geographical area about which the book gives information is to be used in constructing the Geographical Number. The Chronological Number is to be worked out to two digits. If the publication is a stray or isolated one, the year covered by the publication is to be used as the epoch. If the publication is issued periodically, the digit s is to be amplified by the digit m with the

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proviso that if it is issued by a government, the Chronological number may be omitted and rule 2r3 may be applied if necessary.

This will secure that the successive issues of any statistical publication issued periodically will get the same Class Number and will be brought together as their Class Number will be unique. The different issues will be individualised by their Book Numbers.

2s1 If the same Geographical Number or the same Chronological Number or both has or have been used in constructing the Class Number which is amplified by the digit *s*, the Geographical Number or the Chronological Number or both, as the case may be, may be omitted in amplifying the digit *s*.

It is obvious that it would be redundant to repeat the same numbers both before and after the digit *s*.

2s2 If an issue of a statistical publication is in more than one part, the parts are to be regarded as an indivisible set in constructing the Book Number.

2t The digit *t* is to be amplified first by the Geographical Device and then by the Chronological Device, the Geographical Number and the Chronological Number being separated by a colon. The country or the geographical area coming within the purview of the Commission, etc., is to be used in constructing the Geographical Number. The Chronological Number is to be worked out to three digits. The year of appointment of the Commission, etc., is to be used as the epoch.

2t1 If the same Geographical Number or the same Chronological Number or both has or have been used in constructing the Class Number which is amplified by the digit *t*, the Geographical Number or the Chronological Number or both, as the case may be, may be omitted in amplifying the digit *t*.

It is obvious that it would be redundant to repeat the same numbers both before and after the digit *t*.

2u The digit *u* is to be amplified first by the Geographical Device and then by the Chronological Device, the Geographical Number and the Chronological Number being separated by a colon. The country or the geographical area coming within the purview of the Survey, etc., is to be used in constructing the Geographical Number. The Chronological

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Number is to be worked out to three digits and the date of commencement of the Survey, etc., is to be used as the epoch, if it is a specially constituted survey. Otherwise, the chronological number is to be worked out to two digits and the latest decade covered by the survey or the descriptive account is to be used as the epoch. Further, if the conditions surveyed are not subject to frequent change, (*e.g.* geological conditions), the chronological number may be worked out to a single digit or may even be omitted altogether.

2u1 If the same Geographical Number or the same Chronological Number or both has or have been used in constructing the Class Number which is amplified by the digit *u*, the Geographical Number or the Chronological Number or both, as the case may be, may be omitted in amplifying the digit *u*.

It is obvious that it would be redundant to repeat the same numbers both before and after the digit *u*.

General travel books will get a place in the Subject Division *U*. The Class Numbers of such books need not be amplified by the digit *u*.

2v The digit *v* is to be amplified first by the Geographical Device and then by the Chronological Device, the Geographical Number and the Chronological Number being separated by a colon. The country or the geographical area about which the book gives information is to be used in constructing the Geographical Number. The Chronological Number is to be worked out to two digits. The decade up to which the history is brought in the book is to be used as the epoch.

The remarks similar to those given under Rule 2a will hold good here also.

2w The digit *w* is to be amplified by the Chronological Device. If a book gives the biography of a single person, the Chronological Number is to be worked out to three digits, and the year of birth of the biographee is to be taken as the epoch. If a book gives the biographies of more than one person, the Chronological Number is to be worked out to two digits and the decade of birth of the youngest of the biographees is to be taken as the epoch.

2w1 If the same Chronological Number has been used in constructing the Class Number which is amplified by the digit

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w, the Chronological Number may be omitted in amplifying the digit *w*.

A biographical book is to get the Class Number of the class with which the name of the biographee is primarily associated. For example, the biography of a mathematician is to be placed in the Class B; the biography of an astronomer is to be placed in the class B9; the biography of an electrical engineer is to be placed in the class D66; and that of a person like Mahatma Gandhi, whose name is primarily associated with work on political rights of India, is to be placed in the class V44:25. On the other hand, the biography of a person whose name cannot be definitely associated with some subject or another is to be placed in 'Generalia'. Similarly if a book gives the biography of a number of persons whose names are associated with more than one subject, one at least of which falls among the group of Subject Divisions N to Z, it is to be placed in 'Generalia'.

The letters and correspondence of a person are to be treated as part of his biography for the purpose of this Rule.

2w2 In many of the Social Sciences and in the divisions of the Main Class Δ , it is possible for the case-study or observation-study mode of exposition to take the form of a biography. In such a case, the Class Number is to be amplified by *y7* and not by *w*.

Examples: 1. Purohit Swami's *An Indian monk: his life and adventures* is to be given the Class Number $\Delta 2y7M82$ and not $\Delta 2wM82$.

2. E. Allison Peer's *Ramon Lull : a biography* is to be given the Class Number $\Delta 6y7G32$ and not $\Delta 6wG32$.

3. But, a biography of Rom Landau or of Paul Brunton is to be amplified only by *w*, though its Main Class is Δ , since their biographies are of interest not as case-studies but only as lives of persons who have made a special study of the Main Class Δ .

2w3 The biography of a person whose importance is due mainly to his association with some other person of importance, either as a relative or as a friend, or in any other manner is to be given the Class Number of the biography of that person of importance.

The biography of such a relative or friend is of interest to the readers only because of the light it throws on the life of the person of importance. For example, it may be said that the biography of Jane Welsh Carlyle is of interest because it throws light on the life of Thomas Carlyle. Hence the book will have a greater chance to find a reader if it is placed with the biographies of Thomas Carlyle. It is just this result that is sought to be secured by this Rule.

COMMON SUBDIVISIONS

2x The digit *x* may be amplified by the Chronological Device. If a book gives the collected works or selections from the works of a single person, the Chronological Number is to be worked out to three digits, and the year of birth of the author is to be taken as the epoch. If a book gives the collected works or selections from the works of more than one person, the Chronological Number is to be worked out to two digits and the decade of birth of the youngest of the authors is to be taken as the epoch.

2x1 If the same Chronological Number has been used in constructing the Class Number which is amplified by the digit *x*, the Chronological Number may be omitted in amplifying the digit *x*.

The digit *x* is to be used to amplify the Class Number of a book if it contains either more than one work of an author or the works of more than one author. The collected works may be in one volume or in a set of indivisible volumes.

2y The digits *y* and *z* and their subdivisions may not require any amplification, except that when *y7* is used to denote the life of a person or an account of an institution, it may be amplified as *w* and *h* respectively.

3 GEOGRAPHICAL DIVISIONS

30 The Geographical Divisions and the numbers representing them are given in Schedule 3 of Part II.

Several subjects may have to be subdivided geographically at one stage or another. The Main Classes 'History' and 'Geography' will certainly have to be so divided. We have seen in Chapter 2 that the Geographical Division becomes necessary for the amplification of some of the Common Subdivision digits. It will be seen in Chapter 4 that the Language Schedule has to make use of the Geographical Schedule. The notation will gain considerably in mnemonic value if the same number is used to denote the same area in all cases. With this in view, the Geographical Schedule has been constructed and included among the preliminary schedules.

31 The subdivisions of '1 World' are got by using certain convenient characteristics, other than the canonical continent characteristic, which forms the basis for arriving at numbers 4, 5, . . . 9 of the schedule.

32 The digit 2 may be used for the country or province or place to which the library belongs.

It is likely that a library will have a more extensive collection of books pertaining to its country or province or place. Hence the number for that area will have to be inserted very frequently. Further it will have to be subdivided much more profusely than those of other countries or provinces or places. Whereas the number it gets in its natural place in the Geographical Schedule will contain at least two digits and may contain many more, it would add to economy of notation if it can be indicated by a single digit. Hence, it is suggested, that the normal number it gets in its natural place may be left unused and the digit 2 be used to represent it. This rule secures satisfaction to the Canon of Local Variation.

33 As the digit 2 is reserved for the library's own country, etc., the digit 3 may be reserved for the most favoured country.

Here, the term "most favoured" means the country about which the library has a much larger collection than about other countries barring its own country. All the remarks made under Rule 32 are applicable to this rule also.

GEOGRAPHICAL DIVISIONS

34 If any ultimate area mentioned in the schedule requires further subdivision, the subdivision may be effected in accordance with the following plan. Let the area be divided into eight convenient sectors and the sectors be numbered as hereunder:

- | | |
|--------------|--------------|
| 1 East | 5 West |
| 2 South East | 6 North West |
| 3 South | 7 North |
| 4 South West | 8 North East |

If only one sub-area falls in a sector, the number of the sector may be given to the sub-area. If more than one sub-area falls in a sector, it may be further subdivided in a similar manner. The digit '9' may be reserved for indicating the islands in the neighbourhood of the area.

A strict adherence to this principle is not demanded nor is it possible in all cases. All that is intended is that the rule may be used as a rough guiding principle. It will be found that Schedule 3 of Part II gives detailed subdivisions of certain countries only. They are to be taken as illustrative. The other countries also are to be subdivided similarly, as need arises.

35 A city or town is to be individualised by amplifying the number for its country by the letter C, which itself is to be amplified by the Alphabetic Device (*vide* Rule 67).

For certain cities an alternative number has been suggested in the Geographical Schedule.

36 A lake, mountain or river lying within a country is to be individualised as in Rule 35, except that the mnemonic letter is to be L, M and R respectively.

37 An international lake, mountain or river is to be individualised as in Rule 36, except that the basic Geographical Number is to be that of the continent to which it belongs.

4 LANGUAGE DIVISIONS

40 The Language Divisions and the numbers representing them are given in Schedule 4 of Part II.

We have already seen in Chapter 03 that the Language Number is used in the construction of the Book Number. It can easily be seen that it will also be required in the subdivision of the Main Classes 'Literature' and 'Linguistics'. Our notation will gain considerably in mnemonic value if the same number is used to denote the same language in all cases. With this in view the Language Schedule has been constructed and included among the preliminary schedules.

41 To represent a language, definitely known to belong to one of the three families represented by the digits '1', '2' and '3' but not indicated in the schedule, the digit 9 is to be added after the number of the ultimate division into which it will fall and the digit 9 is to be amplified by the Geographical Device, the area in which it first became current being used to construct the Geographical Number.

42 Among the languages to be divided by the geographical device if different languages have originated in the same area, they may be arranged in chronological order, if ascertainable, or in some arbitrary order and a colon followed by the numbers 1, 2, . . . may be put after the geographical number to indicate respectively the first, second . . . of these languages.

This problem may arise only in rare cases.

44 The languages comprised by the classes 4 . . . 9 are to be individualised by the Geographical Device, the respective areas, in which they became first current, being used to construct the Geographical Number.

45 The Artificial Languages are got by the Chronological Device, using the year of coinage of the language as the epoch and working the chronological number to three digits.

5 CHRONOLOGICAL DIVISIONS

50 The Chronological Divisions and the numbers representing them are given in Schedule 5 of Part II.

In the Main Class 'History,' Chronological Subdivision will be essential. We have seen that, in amplifying some of the Common Subdivision digits, Chronological Subdivision is frequently availed of. It will be seen later that the chronological mode of division appears again and again in the subdivision of most of the classes. In fact, it occurs so frequently, that a part of the next chapter is devoted to the exposition of the idea "Division by Chronological Device" and the variety of uses to which the Chronological Number is put is indicated fully as a preliminary measure, so as to secure brevity in the enunciation of the rules for the detailed subdivision of the different subjects. Again, the variety of uses to which the Chronological Number is being put is one of the elements that has invested the Colon Classification with a marvelous degree of hospitality and elasticity, which is essential in a growing library.

51 In the case of the divisions E onwards, where each letter stands for a century, the decade is to be indicated if necessary by adding the digit of the decade—0, 1, . . . or 9, as the case may be—after the century digit. The year is to be indicated if necessary by adding the digit of the year—0, 1 . . . or 9, as the case may be—after the decade digit. The month is to be indicated if necessary by adding the number of the month—1, 2, . . . or 12, as the case may be—after the year digit. The number representing the month is to be read as an integer and not as a decimal, if it consists of more than one digit.

e.g., E55 = 1055 A.D. M00 = 1800 A.D. P01 = 2101 A.D.

52 In the case of the division D, which represents the first millennium A. D., the century is to be indicated, if necessary, by adding the digit of the century—0, 1, . . . or 9 as the case may be—after D. The decade is to be indicated, if necessary, by adding the digit of the year—0, 1, . . . or 9, as the case may be—after the decade digit and so on.

e.g., D010=10 A.D. D541=541 A.D.

53 In the case of the divisions C and B, which represent respectively the first and the second millenniums B. C., the

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century digit, the decade digit and the year digit are to be arrived at as follows:—Write the year in ordinary Arabic numerals. The excess of nine over the number representing the century is to be used for the century digit; the excess of nine over the number representing the decade is to be used for the decade digit; and the excess of nine over the number representing the year is to be used as the year digit.

e.g., B025=1974B.C. B999=1000B.C. C499=500B.C. C989=10B.C.

54 In the case of the division A which represents "Before 2000 B.C.", A9 is to be used for the third millennium B.C., A8 for the fourth millennium B.C. ... and A0 for the twelfth millennium B.C. A00 may stand for "Before 12,000 B.C." and may be further subdivided in the same way as A. Each of the numbers A0 to A9 may, if necessary, be further subdivided as in Rule 53.

6 EIGHT DEVICES

60 One or more of the following Eight Devices may be employed in constructing a Class Number.

- 1 The Colon Device;
- 2 The Geographical Device;
- 3 The Chronological Device;
- 4 The Favoured Category Device;
- 5 The Classic Device;
- 6 The Subject Device;
- 7 The Alphabetic Device; and
- 8 The Bias-number Device.

This chapter will be devoted to a short account of these Eight Devices which will be frequently employed in the construction of Class Numbers. A preliminary discussion of these devices will add to the clarity of the rules in the later chapters. It will also be conducive to brevity in the enunciation of the rules of classification.

61 The Colon Device

61 The Colon Device consists in separating, by a colon, the parts of a Class Number, which relate to the different trains of characteristics forming the basis of classification.

In most of the subjects, more than one relevant train of characteristics are available, as a basis of classification, for example, in Literature, the language, the form, the author and the work are the trains of characteristics available. A full discussion of these will be found in Chapter 7 of this part. In Chemistry, the problem of study and the substance studied are the trains of characteristics available. In Botany, the plant studied, the problem and the organ are the trains of characteristics available. In certain subjects like Mathematics, Physics and Geology, the first process of division may follow canonical lines; but the canonical classes may be capable of further division on the basis of more than one train of characteristic.

In all these cases, the part corresponding to each train of characteristics is capable of further division quite independently of the parts corresponding to the other trains of characteristics. This is made practicable by the insertion of a colon in accordance with this rule.

We have already seen in Rule 024 that the magnitude of *colon* lies between 0 and 1. As a result of this, a subdivision of a given number by the Colon Device will have precedence over all other subdivisions of

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the same number except those obtained by the Classic Device, the Bias-number Device and the application of a Common Subdivision Number. Also the subdivisions of a given number obtained by varying the train of characteristics forming the basis of classification will have precedence over all its subdivisions obtained either by Auto-Bias Device or by continuing the original itself, or by the Chronological Device, or by the Favoured Category Device, or by the Subject Device or by the Alphabetic Device.

An example may make this point clear. In the example chosen the rules given in Chapter 8 are necessarily anticipated. V44:18 is the Class Number for India's policy towards mandated territories. V441:8 is the Class Number for the Archival Sources of the history of the Madras Province. V4418 is part of the Class Number for the history of the Andhra Desa of the Madras Province. The ordinal arrangement for these numbers is as follows:—V44:18, V441:8, V4418. It can be seen that, as a consequence of the Colon Device, all books dealing with the history of India as a whole will come before the books dealing with the history of the Madras Province as a whole as well as the books dealing with the history of each of the other Provinces as wholes. Again, all the books dealing with the history of the Madras Province as a whole will come before the books dealing with the history of each of the different parts of the Province. And this is as it should be.

Here is another example. In this case the rules given in Chapter L are necessarily anticipated. L:2 is the Class Number for human anatomy; L:3 is the Class Number for human physiology; L:4 is the Class Number for diseases in General; L:4:6 is the Class Number for therapeutics in general; L:4:68 is the Class Number for aerotherapy in general; L2 is the Class Number for the digestive system; L2:2 is the Class Number for the anatomy of the digestive system; L2:3 is the Class Number for the physiology of the digestive system; L2:4 is the Class Number for the diseases of the digestive system; L2:42 is the Class Number for the infectious diseases of the digestive system; L2:421 is the Class Number for the tuberculosis of the digestive system; L2:42:6 is the Class Number for the treatment of infectious diseases of the digestive system; L2:421:6 is the Class Number for the treatment of tuberculosis of the digestive system; L2:421:68 is the Class Number for the aerotherapy of the tuberculosis of the digestive system; L24 is the Class Number for the intestines; L24:4 is the Class Number for the diseases of the intestines. The ordinal arrangement of these Class Numbers is as follows:—L:2, L:3, L:4, L:4:6, L:4:68, L2, L2:2, L2:3, L2:4, L2:42, L2:42:6, L2:421, L2:421:6, L2:421:68, L24, L24:4.

It can be seen that, as a result of the Colon Device, the group of books on human anatomy, the group of books on human physiology, the group of books on diseases in general, etc., will come before the groups of books dealing with individual organs. Among the books dealing with an individual organ, the group of general books will come first. Then the group of books on the anatomy of the organ, the group of books on the physiology of the organ, the group of books on the diseases

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of the organ, etc., will come in successive order. Among the books dealing with the diseases of a given organ, the group of general books on the diseases of the organ will come first. The groups of books dealing with particular types of diseases of the organ will come in successive order. Among the books that deal with diseases in general, the general books will come first and then the groups of books dealing with pathology, preventive measures, treatment, etc., will come in successive order. A similar internal arrangement will be secured among the books dealing with the diseases of a specific organ, and so also with the books dealing with the specific diseases of a given organ.

Thus, in the Colon System, the Class Numbers and the classes represented by them form a perfectly articulated system, like the skeleton of a human body, the colon playing the role of the ligaments and cartilages which connect the bones of the system to one another, giving freedom, at the same time, for each bone to grow and to move independent of the other bones. One can easily imagine the great advantage that a specialised worker will find in this system which enables him to lay his hands straight on all the materials connected with his work, with the least waste of time. The apparently complex structure of the number cannot be considered to be a source of strain, as the reader is not concerned with the number as such but he is concerned only with the convenient arrangement which the numbers bring about among the books.

Further, as a result of the use of colon, any Class Number becomes a multipartite number capable of expansion at as many points as there are colons, in addition to its being expansible at the right end, whereas in other schemes, a Class Number is capable of expansion at the right end only. In other words, the flexibility of the Colon Notation is many times greater than that of other notations.

The limitations in the flexibility of the notation impose a limitation on the degree of minuteness to which the classification can be carried. On account of the far greater flexibility which the notation of the Colon Classification possesses, the classes in the Colon Classification are capable of being worked out to a far greater degree of minuteness. We have seen, in the *Five laws of library science*, that practically every Law of Library Science demands that the classification should be as minute as possible. The Colon Classification satisfies the demands of the Laws of Library Science much more closely than any other scheme, as a result of the Colon Device. This can be realised by comparing some of the Class Numbers and their subdivisions according to the Colon Classification with the corresponding Class Numbers and their subdivisions according to any other scheme of classification. Some account of such comparison will be found in the *Prolegomena to library classification*.

The Colon Device automatically secures conformity to the Canon of Consistent Order and the Canon of Mnemonics. Further the Colon Notation satisfies the Canon of Hospitality in Chain to a much greater degree than the bare Decimal Notation. This implies that the Colon Notation furnishes a method for the individualisation of subjects to a

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degree that is not possible with the bare Decimal Notation, as illustrated in pp. 106 to 114 & 261 to 265 of the *Prolegomena to library classification*.

6101 It may be stated explicitly that rule 61 implies that a Colon is not to separate the number based on the first train of Characteristics from the Main Class Number.

6102 So also a Colon is not to separate the number based on the first train of characteristics from the Canonical Division Number of a Main Class. (*Vide* the beginning of the Schedules of B Mathematics, C Physics, H Geology, M Useful Arts, N Fine Arts, R Philosophy and Y Social Sciences for examples).

6103 Similarly a Colon is not to separate the number based on the first train of characteristics from a chronologically amplified Main Class Number. (*Vide* the end of the Schedules of S Psychology and X Economics for examples.)

611 In cases where the number on the left side of a colon has no chance whatever for expansion, the colon may be omitted and taken as understood.

This provision is introduced to secure economy of notation wherever possible. The rule for omission of the colon will become operative only if no ambiguity is likely to arise in the ordinal arrangement of the Class Numbers, as a result of the omission. The rules devoted to the classification of the different subjects will generally state when the colon may be so omitted.

The following are some illustrations. Colon is to be omitted between the Form Number and the Author Number in the Main Class 'O Literature' and the Stage Number and the Problem Number in the Main Class 'P Linguistics'.

612 It may be further stated that the numbering of the Classes based on any characteristic is made in conformity to the 'Unscheduled Mnemonics' explained in pp. 129 to 134 of the *Prolegomena to library classification*. This secures a better satisfaction of the Canon of Mnemonics.

613 It will be seen that the enumeration and the numbering of the classes based on any characteristic are made on the "Octave Principle" enunciated in pp. 100-102 of the *Prolegomena to library classification*. This secures complete satisfaction of the Canon of Exhaustiveness and the Canon of Hospitality in Array. The hospitality is really infinite.

62 The Geographical Device

62 The Geographical Device consists in using the appropriate Geographical Number for the further subdivision of a class which is capable of geographical division or when the individualisation of the subclasses may be made to depend con-

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veniently on the place of origin or on the place of prevalence or on the place of habitation or on the place that may be definitely associated with the respective subclasses in any other manner or for any other reason. The cases where this device may be applied are generally indicated either in the Schedules of Classification in Part II or in the Rules of Classification in this Part.

We have already seen in Chapter 2, that certain of the Common Subdivision digits can be amplified by the Geographical Device. For example, Rules 2*b*, 2*c*, 2*d*, 2*l*, 2*m*, 2*n*, 2*r*, 2*s*, 2*t*, 2*u*, and 2*v* provide for the amplification of the Common Subdivision digits *b*, *c*, *d*, *l*, *m*, *n*, *p*, *r*, *s*, *t*, *u*, and *v* by the Geographical Device. Again in the language table given in Schedule 4 of Part II, it will be seen that the languages not belonging to the Indo-European, the Semitic or the Dravidian families are to be individualised by the Geographical Device. Also, Rule 41 of Chapter 4 of this Part utilises the Geographical Device for individualising certain languages belonging even to the three families mentioned above.

Again Rules P101 and P105 of Chapter P of this Part utilise the Geographical Device for the individualising of dialects and jargons. The Geographical Device is also employed to individualise certain religions as can be seen from Schedule Q of Part II and from Chapter Q of this Part. It is needless to multiply examples at this stage.

The Geographical device automatically secures conformity to the Canons of Consistent Order, Helpful Order, Local Variation, Hospitality in Array, Hospitality in Chain and Mnemonics.

63 The Chronological Device

63 The Chronological Device consists in using the appropriate Chronological Number for the further subdivision of a class, which is capable of chronological division or when the individualisation of the subclasses may be made to depend conveniently on the period of origin or birth or on the year of first investigation or on the year of discovery or on the year of initiation or commencement or on the year of occurrence or on the year that may be definitely associated with the respective subclasses in any other manner or for any other reason. Some of the cases where this device may be employed are generally indicated either in the Schedules of Classification in Part II or in the Rules of Classification in this Part. Similar cases where it may be employed, will suggest themselves in the course of actual classification.

631 The chronological number is to be worked out to the century, decade, year or month as specified in the respective

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rules or, if there are no specific rules on the point, as may be most appropriate.

632 The epoch which is to be used to construct the chronological number will be that which is specified in the concerned rules or schedules or, if it is not so specified, that which may be most appropriate.

633 Except as otherwise stated and particularly subject to the rules of Chapter 2 of this part, when more than one entity are related to one and the same year and would otherwise get the same Class Number by the Chronological Device, that year is to be used to construct the Chronological Number for one of the entities and some vacant neighbouring years are to be used respectively to construct the Chronological Numbers of the other entities.

634 If no neighbouring year is vacant to make the application of rule 633 convenient, in the case of the second, third, etc., entities, the number 1, 2, etc., respectively is to be added to the Chronological Number arrived at by rule 632.

We have already seen in Chapter 2, that some of the Common Subdivision digits may be amplified by the Chronological Device. For example, Rules 2*a*, 2*b*, 2*c*, 2*d*, 2*j*, 2*l*, 2*m*, 2*n*, 2*p*, 2*q*, 2*t*, 2*u*, 2*v*, 2*w* and 2*x* provide for the amplification of the Common Subdivision digits *a*, *b*, *c*, *d*, *j*, *l*, *m*, *n*, *p*, *q*, *t*, *u*, *v*, *w* and *x* by the Chronological Device. The schedules in Part II contain many examples in which this device is usefully employed. The great hospitality which this scheme gets by this device is illustrated in the individualisation of special forms and functions in 'Mathematics,' in fixing the Author Numbers in 'Literature,' in the classification of universal languages in the schedule of language classes given in schedule 4 of Part II, in the classification of religious sects, in the classification of the different schools of 'Psychology' and 'Education' and in many other instances, which it would be unnecessary to list here exhaustively.

The Chronological Device automatically secures conformity to the Canons of Consistent Order, Helpful Order, Hospitality in Array, Hospitality in Chain and Mnemonics.

64 The Favoured Category Device

64 The Favoured Category Device consists in individualising a few, not more than nine or eighty-one categories, as may be prescribed, about which a larger number of publications exist or may be reasonably expected to come forth, by the digits 1, 2,...9 or 11, 12...19, 21, 22,...29,...91, 92, ...99, whereas the other categories of its class are to be indivi-

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dualised by some other device. The cases where this device may be applied are generally indicated in the Schedules of Classification in Part II.

This rule is intended to economise in notation in Classes in which a large number of publications may be expected. Incidentally it also gives priority in the shelf arrangement for popular classes. This device is employed at different stages in almost every subject. Illustrative divisions by the Favoured Category Device are given in various schedules in Part II. To quote one example here, in the Subject Division 'J Agriculture' 38 is the Number for Cereals and other seeds that are primarily produced for human consumption. Since rice is the most popular cereal, wheat comes next in popularity and so on, the number for rice is 381, that for wheat is 382 and so on, for the nine most popular cereals and food seeds.

65 The Classic Device

65 The Classic Device is employed for bringing together the different editions of a classic in a class, the different editions of each of its commentaries, the different editions of each of the subcommentaries of each of its commentaries and so on and of securing that the group of subcommentaries of a commentary is in juxtaposition to the commentary, that the group of commentaries of a classic is in juxtaposition to the classic and that the group formed of each classic and its associated commentaries is in juxtaposition to the groups of the other classics of the same class.

651 The Classic Device consists in putting the digit x after the number representing the ultimate class to which the book should be otherwise assigned, and amplifying the digit x by the Favoured Category Device or the Chronological Device to individualise the classic or the classical author concerned. The amplified x may be termed the *Classic Number*. The commentaries are indicated by amplifying the corresponding Classic Number by the Favoured Category Device or the Chronological Device. This amplifying number may be termed the *First-order Commentary Number*. The subcommentaries of a commentary are indicated by amplifying the corresponding First-order Commentary Number in a similar way. This amplifying number may be termed the *Second-order Commentary Number* and so on.

The Classic Device secures conformity to the Canon of Classics.

The problem that the Classic Device seeks to tackle is frequent in the case of classical works written in Sanskrit. A reference to the illustrative

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divisions by the Classic Device forming part of the Schedules L, O, P, Q and R of Part II will show how widespread this problem is. There are also some cases of occidental classics—such as Burke's works in Politics, some of the Classics of International Law, the Greek and the Latin Classics—which may more conveniently be grouped by the Classic Device.

One result of the application of the Classic Device is that the classic becomes a class by itself and hence its different editions come together, with the Book Number differentiating them. In the case of a classic, several editions are likely to appear even at distant dates. But for this device, they will get scattered and intermingled with other ordinary books in the same class. Such an intermingling is bound to be revolting to the mind of the readers. It is certainly not desirable that Aristotle's *Poetics* or Dandin's *Kavyadarsa* should be indiscriminately clubbed with the ordinary modern books on literary criticism. Nor will it be happy to interpolate Sankaracarya's works on Indian Philosophy with the modern text-books on Indian Philosophy.

It not infrequently happens, particularly in works in the Sanskrit language, that the classic gets many commentaries which themselves become classic and get many editions and many subcommentaries. All the Laws of Library Science will be best served if and only if the whole family of commentaries and subcommentaries are grouped together and placed next to the different editions of the classic itself. Usually the commentaries and the subcommentaries carry forward the theories contained in the classic. This carrying forward is done step by step in the hierarchy of commentaries and subcommentaries. Hence the happy grouping of a classic with its commentaries and subcommentaries brought about by the Classic Device, incidentally arranges the books in the proper evolutionary order. This adds greatly to the convenience of the readers—nay, it is even educative.

It may be stated here that the use of the digit x in the Classic Device is not in any way in conflict with the use of the same to indicate *collected works*. As a matter of fact the one use is but a natural and consistent extension of the other.

652 The Favoured Category Device or the Chronological Device is to be used to amplify the digit x to indicate either a specific classical work or a specific classical author.

653 The Favoured Category Number or the bare or amplified Chronological Number used to represent the author may be termed the AUTHOR NUMBER.

654 If there be only one work of a classical author, the Class Number constructed by Rule 652 will also stand naturally for the only specific work of his.

655 If there be more than one work of a classical author, a colon is to be put after the Author Number and a WORK NUMBER is to be added thereafter. The method of construct-

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ing the WORK NUMBER is the same as that given in Rule 74 of Chapter 7 of this Part.

656 Rules 652—655 are applicable to the construction of the Commentary Numbers also.

It may be stated here that commentary is to be differentiated from criticism. A commentary usually carries the theory of the classic forward and gives some substantial new theory or information; but a criticism does not do so. Again, criticism is to be differentiated from annotation. A criticism gives an estimate and an appreciation or depreciation of an author or his work, as the case may be. But an annotation does not do so. It merely takes the form of short notes elucidating obtruse or difficult points in a work.

66 The Subject Device

66 The Subject Device consists in using appropriate Class Numbers for the further subdivision of a class which is capable of such subdivision or when the individualisation of the subclasses may be made to depend conveniently on a Class Number that may be definitely associated with the respective subclasses in any manner or for any reason. The cases where this Device may be applied are generally indicated either in the Schedules of Classification in Part II or in the Rules of Classification in this Part.

The Subject Device secures automatic conformity to the Canons of Consistent Order, Helpful Order, Hospitality in Array, Hospitality in Chain and Mnemonics. This Device is employed at different stages in certain subjects. Many illustrative divisions by the Subject Device are given in the Schedules of Part II for ready reference. Special reference may be made here to the Schedule M, to the *Ethics* part of Schedule R and to the *Functions* part of Schedule W. In some cases, it will be found that the number used for the Subject Device has been modified slightly. But such modifications should not be freely indulged in by individual classifiers.

As the Subject Number used in the Subject Device will begin with a capital letter, and as the Chronological Number will also begin with a capital letter, there may appear to be *prima facie* ground to fear that an ambiguity may arise in the ordinal arrangement of the Class Numbers. But care has been taken to secure that the Chronological Device and the Subject Device do not both become applicable for the further subdivision of a given Class Number.

661 When the Subject Device is used for the further subdivision of a class belonging to any but the last train of characteristics appropriate to the Main Class in question, all the colons in the Class Number to be used for the Subject Device are to be replaced by Zeroes.

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662 The classes based on the trains of characteristics appropriate to each Main Class are enumerated in the schedules of Part II. Any of these schedules whose numbers begin with an Arabic numeral may be augmented by the Subject Device with the following provisos:

(1) the classes belonging to the Main Classes Δ and O and the Main Classes more concrete (less abstract) than the Main Class that is being subdivided are not to be used in the construction of these extra classes by the Subject Device; and

(2) that the schedule is to be so augmented only if none of the later trains of characteristics prescribed for the Main Class that is being subdivided is applicable to the book under consideration.

Examples:

- (1) A:P31k is the Class Number for a dictionary of scientific terms in Tamil;
- (2) D646:C47 is the Class Number for Harry R. Ricardo's *Engines of high output: thermodynamical considerations*, C47 being the number for thermodynamics;
- (3) G1:C is the class number for George Chile's *Phenomena of life: a radio-electric interpretation* which deals with the physics of living organisms;
- (4) J:E is the class number for C. Harold Wright's *Agricultural analysis*;
- (5) J:1:I23 is the class number for Selman A. Waksman's *Principles of soil microbiology*, where J:1 stands for soil and I23 for bacteriology or microbiology;
- (6) L:Z is the class number for Thomas A. Gonzales's *Legal medicine*;
- (7) Δ :E is the class number for Thomas Hywel Hughes's *Philosophic basis of mysticism*;
- (8) Y:X76r3 is the class number for the report of the British Treasury entitled *Public social services; total expenditure under certain acts of Parliament during the financial years, etc.*; and
- (9) Y:Z3 is the class number for John J. Clarke's *Social administration including the poor laws* which deals with the statutory and executive laws and regulations of Great Britain for the working of Social Services.

Rule 613 refers to the Octave Principle that is followed in constructing the schedules. Rule 661 may be said to augment the sche-

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dules to the *last octave*. The appropriateness of the term *last octave* may be shown as follows:

The numbers in the successive octaves will be:

Octave of first rank 1, 2, 3, ... 7, 8

Octave of the second rank 91, 92, 93, ... 97, 98.

Octave of third rank 991, 992, 993, ... 997, 998.

An octave of infinite rank 99...91, 99...92, 99...93, 99...97, 99...98.

In each of the numbers of the infinite rank the number of nines is infinite. The numbers in an octave of infinite rank each of whose numbers contains an infinity of digits cannot be practically applied.

But such an octave is by no means the last! Since A is ordinarily greater than 9 the set (octave)

A, B, C...Z,

though each of its numbers has only one digit, must succeed all the infinity of octaves whose numbers begin with 9. Since there is no number ordinarily greater than Z the A...Z set (octave) may be taken as the last.

It can also be seen that the set (octave)

9A, 9B, 9C,...9Z

is the penultimate octave, the set

99A, 99B, 99C,...99Z

is the last-but-two and so on.

This principle of augmenting any schedule by the Subject Device has been provisionally named the "Last Octave Principle". Discovery of it was made possible only by the critical exploration and reconstruction of the foundations of the theory of classification in the *Prolegomena to library classification*. It occurred only in June 1938 after the book had been published and so could not be mentioned in it.

This new principle has considerably increased the hospitality of the scheme and has led to a more complete and productive application of the Canon of Mnemonics. It has also another advantage. While theoretical provision for an infinity of octaves has been made, those whose numbers have a small number of digits and are of practical use appear at the two ends of this infinite scale and inapplicable octaves with numbers of a large or infinite number of digits lie in the middle. In other words, the notation has enabled us, so to speak, to bend the infinite scale and get hold of the two ends though the middle extends beyond reach to infinity. The immense potentiality of this awaits fuller exploitation.

Some specialisation also has been made in the use of the two ends. The octaves at the nearer end are used for divisions that are *Specific* to the Main Class under consideration and the last octaves, for divisions of a more *fundamental* and *general* nature.

Take for example the schedule of Operations as applied to the class 'J:1 Soil' in the Main Class 'J Agriculture'. Reference to chapter J

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of Part II will show that the divisions in the first octave *vis.* '1 Reclamation', '2 Levelling', '3 Bunding', '4 Ploughing', '5 Harrowing' and '6 Crushing' are operations *specific* to farming, that are of immediate interest to and fall within the direct sphere of the farmer. The second octave will consist of '91 Nomenclature' and so on.

But the last octave will be 'C Physics of the soil', 'E Chemistry of the soil', 'I21 Bacteriology of the soil', etc. These are obviously problems of a *fundamental* nature. The farmer's interest in them is only indirect; for he cannot as a rule deal with these problems himself: he must use the findings of specialists in the fundamental sciences concerned.

663 A similar principle which may be called the "Penultimate Octave Principle" is to be used to augment a schedule by the Subject Device when the numbers of the schedule begin with a capital letter, *i.e.*, are constructed *ab initio* by the Subject Device or the Chronological Device. This augmentation also is subject to the same provisos as those for the Last Octave Principle.

Examples:

1. A. B. Keith's *Introduction to British constitutional law* is to be given the Class Number V3:29Z by the Penultimate Octave Principle; and not V3:2:Z by the Last Octave Principle, as the third train of characteristic in this Main Class 'V History' is the chronological one, the numbers of whose classes, therefore, begin with a capital letter. As a matter of fact V3:2:Z would mean the constitutional history of Great Britain brought up to 3000 A.D. and not British constitutional law.
2. A statistical study of an educational curriculum is to be given the Class Number T:44:9B28 by the Penultimate Octave Principle and not T:44:B28 by the Last Octave Principle, as the third train of characteristic to be used in the Main Class 'T History' when the problem is '44 Curriculum' is the Subject one, the numbers of whose classes, therefore, begin with a capital letter. As a matter of fact T:44:B28 will mean Curriculum in Statistics and not a statistical study of curriculum.

Perhaps the only regions where the Penultimate Octave Principle is applicable are those covered by the above two examples.

67 The Alphabetic Device

67 The Alphabetic Device consists in using the initial letter, or the initial letter amplified, of the name of the substance or any other appropriate entities, for the further subdivision of a class of substances or entities.

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671 If more than one substance or entity have the same initial letter, their initial letters may be amplified by the addition of the numbers 1, 2, 3, etc., respectively.

This device is to be used only in rare cases where no other method of subdivision is practicable. The Schedules in Part II and the Rules of this Part indicate the places where this Device has to be used. To give a few specific examples here, in dividing the Crop Numbers in the Subdivision *Agriculture*, the Alphabetic Device is recommended to be used after the Favoured Category Device is exhausted. There are likely to be many crops dealing with a given class. It is not practicable to indicate these crops in any other way.

So also when the number for the *Bacterial Diseases* of an organ exceeds 8 the only available course is to apply the Alphabetic Device to indicate the diseases that are not indicated by the Favoured Category Device.

68 The Bias Number Device

68 The Bias Number Device is employed for bringing together such of the books in a class as are written with a special bias to some other class or from a special point of view that can be associated with some other class, or for the use of special class of readers whose primary interest of study is in some other class, or as have some other special relation to some other class. The class to which the book belongs may be termed the 'Basic Class' and its number may be termed the 'Basic Number'. The other class may be termed the 'Bias Class' and its number may be termed the 'Bias Number.'

681 The Bias Number Device consists in amplifying the 'Basic Number' by the addition of the digit 0 followed by the appropriate 'Bias Number'.

682 Both the 'Basic Number' and the 'Bias Number' are to be worked out as fully as may be appropriate to the book.

A few examples may be given here to illustrate the use of this device. But the rules given in Chapters B and 7 have to be anticipated in giving these examples.

The general text-books of *Mathematics* will have the Class Number B. But it is likely that some of these books are written specially for the use of physicists, engineers, biologists, economists, etc. In the case of such books, the Class Number B may be amplified so as to read B0C, B0D, B0G, B0X, etc., respectively. If such books are not differentiated by the Bias Number Device, they will get intermingled with the ordinary text-books in *Mathematics*. When an engineer comes and asks for a mathematical text-book, the library cannot readily find out the books suited to him.

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Take another example. The general books on *Statistics* have the Class Number B28. But some of them are written for the use of engineers, some for the use of psychologists and so on. It will be convenient if such books can be differentiated by amplifying their Class Numbers so as to read B280D, B280S, etc.

Again, the critical books on, say, *Shakespeare*, will have the Class Number O:2J64:9. Some of these may deal with the astronomical knowledge in Shakespeare's works, some may deal with the madfolk of Shakespeare, some may deal with the prosody of Shakespeare, some may deal with his spelling, some may strive to study the words used by Shakespeare in a statistical manner. It would be certainly desirable to divide the critical works on *Shakespeare* so as to put all these types into different subgroups. This can be done by amplifying the Class Number O:2J64:9 by the Bias Number Device so as to read respectively as follows:—

O:2J64:90B9

O:2J64:90P:18:3

O:2J64:90Y163

O:2J64:90P::30B28

O:2J64:90P

It may be seen that, in the last example, the Bias Number Device has been used twice. Of course, in such cases, the Class Number is drawn out to an apparently inordinate length. *Such a thing will happen only in a few specialised monographs of a very intensive nature.* If the length of the Class Number in the case of such specialised monographs is to scare us away from the Bias Number Device, the result will be that such monographs will get promiscuously mixed up with a number of other books and monographs not so specialised. If so, either they will practically be lost to the readers or the readers will have to spend an unduly long time to spot them out. Either result is against the spirit of the Laws of Library Science.

This device is designed to satisfy the Canon of View Point.

683. The Auto-Bias Device is employed to lengthen the chain (to subdivide a class) which ends with a particular class in a schedule by further subdividing the class (not in the way in which it is subdivided in the schedule itself, *i.e.*, not on the basis of the characteristic used in the schedule for subdividing that particular class) on the basis of the characteristic used for the formation of other classes in the same schedule. The concepts 'Basic Class', 'Basic Number', 'Bias Class' and 'Bias Number' developed in rule 68 hold good for this purpose also.

6831 The Auto-Bias Device consists in amplifying the number by the addition of the digit '—', (dash) followed by the appropriate 'Bias Number'.

The genesis and the use of this device is explained in detail in pp. 114-116 of the *Prolegomena to library classification*. A few examples may, however, be given here:—

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(1) In the schedule of classes based on the train of organ characteristic in the Main Class 'L Medicine' we have the class '13 Lower extremities' divided into '131 Toes, 132 Feet, etc'. We have also the division '73 Nerves'. Now the class 'Nerves of the lower extremities' may be numbered 13-73.

(2) In the schedule of classes based on the train of problem characteristic in the main Class 'U Geography' we have the class '287 Climate' and '3 Biogeography'. Now the class for bioclimatics may be numbered 3-287.

(3) Again in the schedule of classes based on the train of 'Group characteristic' in the class 'Y1 Sociology' we have the classes '15 Women' and '53 Middle class'. The sub-class 15 is derived from the class using Age and Sex as the characteristic; on the other hand, the subclass 53 is derived from the class 5 using Birth or Status as the characteristic. Now the class 'Middle class women' may be numbered 15-53.

The use of the Auto-Bias Device leads to a fuller satisfaction of the Canons of Hospitality in Chain and Mnemonics.

69. Before concluding this chapter and entering into the special rules belonging to the different Main Classes, it may be well to recollect that four methods are available for subdividing any class, i.e., for increasing the intension:

- (1) Using the subdivisions given in the concerned schedule;
- (2) Applying the Principle of Last Octave explained in rule 662;
- (3) Using a Common Subdivision as provided in chapter 2; and
- (4) Using the Bias Number Device explained in rule 68 and its subdivisions.

Occasions may arise, particularly in the experience of beginners, when there may be an apparent ambiguity or conflict of choice between these four methods. Perhaps it may be well to state here a 'remembrancer' that had been developed in teaching the subject to the students of the School of Library Science:—

I am used to call

the divisions occurring in the schedules of Part II 'current income';

the divisions obtained by the Principle of Last Octave 'bank balance';

the common subdivisions 'ancestral property'; and

the division obtained by the Bias Number Device 'borrowed capital'.

The instruction to the beginners is usually put as follows:

'You should not draw from the bank balance until your current income is spent out. Nor is it proper that you should draw from ancestral property until the bank balance of your self-earned income is

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exhausted. Lastly you should never think of borrowing until you satisfy yourselves that the needs really go beyond the capacity of current income, bank balance and ancestral property''.

The conflict between the Bias Number Device and the Principle of Last Octave may appear to be more irresolvable. The following examples will indicate how it should be resolved:

(1) A text book of economics which expounds the different parts of the subject in a way that is best suited to the students of statistics is to be given the Class Number X0B28. But a book in which economic problems are studied by the application of statistical methods is to be given the Class Number X:B28.

(2) Similarly a general book on medicine which describes the human body in a way that is most suited to the students of chemistry (bio chemistry) is to be given the Class Number L0E. But a book that expounds the chemical actions that take place in the human body (physiological chemistry) is to be given the Class Number L:E.

(3) Lastly let us take the case of an agricultural engineer. It is necessary for him to have some knowledge of agriculture though not with equal emphasis on every aspect of it. A book which expounds agriculture generally with special emphasis on such branches as the agricultural engineer should specially note is to be given the class number J0D. But a book is to be given the Class Number J:D if it deals with the engineering problems that arise in an agricultural farm, *e.g.*, putting up farmers' huts, estimating the capacity of barns or erecting the same, mending of agricultural tools and perhaps even making simple tools, surveying and levelling of fields, estimating and calculating quantities for earthwork, working and repairing a mechanical water lift or an electrically driven pump and so on.

7 LITERATURE

The subjects *Literature* and *History* have been taken out of their places and the rules for classifying them are given first, as these subjects are likely to be of interest to a much larger number of people than the other subjects. It is proposed to give the rules for their classification in a very detailed manner so as to bring out most of the underlying principles. The rules for the classification of the other subjects are not given in such a detailed manner. Many things are left to be supplied by the classifier on the analogy of the Rules for *Literature* and *History*.

70 Four trains of characteristics are to be used for the subdivision of 'Literature,' viz., Language or 'L', Form or 'F', Author or 'A' and Work or 'W'.

Apart from the Last Octave Divisions, the Common Subdivisions and the Bias Divisions that may be applied to 'Literature' or to the sub-classes of 'Literature,' the special subdivisions of 'Literature' are to be based on the four trains of characteristics mentioned in the rule. The connotation of the terms used in the schedules will become clear in the succeeding rules.

701 The four trains of characteristics, forming the basis of classification of 'Literature,' are to be taken in the order 'L', 'F', 'A', 'W'.

A simple calculation will show that there are twenty-four ways of taking the four trains of characteristics in order. The problem is to decide which of these twenty-four possible orders will be the most convenient for those who use the books. It is only the experience of libraries that can give the necessary information about it.

The order suggested by the rule has been found to be quite convenient. The result of this order may be put as follows:—

We shall imagine all the 'Literature' books divided according to their languages and we shall imagine a separate building for the literature of each Language. A reader, interested, say, in English literature will have to go into the 'English' building, so to speak. On entering the building he will find that all Poetry is put in one room, that all Drama is put in another room, all Fiction put in a third room, and so on. Let us assume that the reader is interested in Drama and that he enters the 'Drama' room. There we may imagine that he will find several cupboards each devoted to a Dramatist. If the cupboard, pertaining to any Dramatist, is opened, he will find that each shelf is

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devoted to one work of the Dramatist. In that shelf all the editions of that work and all the criticisms of that work will be found arranged in a convenient order. Roughly speaking this is the result of taking the four trains of characteristics in the order given by the rule. One can easily construct a similar picture for the other possible orders of the trains of characteristics and satisfy oneself about the fitness of the particular order prescribed by the rule.

71 Language Number

710 The digit or digits of the language, to the literature of which the book belongs, or about the literature of which the book treats are to be placed immediately after the digit 'O'. This group of digits may be termed the 'Language Number.'

For example, Kalidasa's *Sakuntala*, which belongs to Sanskrit literature, is to be given the language number appropriate to Sanskrit. S.M. Natesa Sastri's *A review of Sakuntala*, though it is in English, is to be given the language number appropriate to Sanskrit and not English, because it treats about *Sakuntala* which belongs to Sanskrit literature. This may be stated in the form of an inequality, viz.,

Language of Work (is not equal to)

≠ Language of Book

This may be called Language Inequality for convenience of citation.

7101 The Language Number is to be taken from the Language Classes given in Schedule 4 of Part II.

7102 In the case of the literature in the Favoured Language, the Language Number may be taken as understood and need not be actually written.

This rule is intended to economise in notation.

711 If a book contains or treats about the literatures of more than one language, no Language Number is to be put.

712 In the case of books treating about the mutual relations of the literatures in more than one language, the Most Popular Language is to be used to construct the Language Number.

72 Form Number

72 A colon is to be put after the Language Number or after 'O' according as the language used to construct the Language Number is not or is the Favoured Language.

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72a If a book does not admit of classification on the basis of the language characteristic, colon need not be placed after O.

72b In the Main Class 'Literature', a Class Number without a colon in it has precedence over all Class Numbers with a colon in them.

720 The digit of the Form of literature which the book contains or about which the book treats is to be put immediately after the colon mentioned in Rule 72. This may be termed the Form Number.

7201 The symbols and the corresponding Form Classes are given in Schedule O of Part II.

The terms used in the Schedule of Form Classes are by no means definite. Nor can we say that the term 'Literature' itself is quite definite. Overlooking for the time being, the general meaning of the word 'Literature', viz., the body of writings produced in a particular country or period or in a particular subject, the restricted meaning that the big Oxford Dictionary gives is as follows:—"Writing which has claim to consideration on the ground of beauty of form or emotional effect". Taking the term 'Poetry' the definition which the Oxford Dictionary gives is as follows:—"Composition in verse or metrical language, or in some equivalent patterned arrangement of language; usually also with choice of elevated words and figurative uses, and option of a syntactical order, differing more or less from those of ordinary speech or prose-writing". The Dictionary adds under this a note to the following effect:—"In this sense, poetry in its simplest or lowest form has been identified with versification or verse. This raises the question whether we should classify under 'Poetry' every thing in verse. We find that even scientific treatises of medieval India such as treatises in Mathematics, Natural Science and so on, are in Sanskrit verse. Certainly such books are not to be classified as 'Poetry'.

Evidently to exclude such versifications whose primary interest is the exposition of technical matter, the Dictionary adds another meaning to 'Poetry' in the following words:—"With special reference to its functions: The expression or embodiment of beautiful or elevated thought, imagination or feeling, in language adapted to stir the imagination and emotions, both immediately and also through the harmonic suggestions latent in or implied by the words and connections of words actually used, such language containing a rhythmical element and having usually a metrical form". As if to render such a definition still more indefinite, the Dictionary adds, "The term, is sometimes extended to include expression in non-metrical language having similar harmonic and emotional qualities (Prose-Poetry)".

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The definition of the term 'Drama' is equally difficult. As for the term 'Fiction' the Oxford Dictionary defines it as, "The species of literature which is concerned with the narration of imaginary events and the portraiture of imaginary characters ... now usually prose novels and stories collectively".

From these authoritative definitions, it can be seen that, in the case of many border-line books, it will be difficult, even for experts in the field, to assert whether they should be put in the class 'Literature' and if so in what Form Division of literature. In such border-line cases the classifier is to be guided by the consensus of public opinion among students of literature. But in the majority of cases the appropriate Form Division can be decided without much difficulty.

With regard to the Form Class 'Letters' special attention should be paid to the notes attached to that class. The private correspondence of authors is not to be put under this Form Class but should really go with the biography of the author. It is only works like 'Chesterfield's *Letters to his son*' that should come under the Form Class '4'.

The Class Division '6' is not to include literary criticism. It must include only prose as a species of literature, as opposed to poetry, fiction and drama. A book which contains the biography or a criticism of, say, a poet will be given the Form Number for poetry, as it treats about poetry. Similarly a book which contains the biography or criticism of a dramatist will be given the Form Number for Drama as it treats about drama and so on.

Here also we must remember what may be called Form Inequality, viz.

Form of Work (is not equal to)
≠ Form of Book.

This idea is to be used in the same way as the Language Inequality explained in the commentary on Rule 710.

721 If a book contains or treats about more than one Form Class with equal emphasis, no Form Number is to be put.

This rule is applicable to history, criticism, etc., of literature in general. It may also be applicable to books which contain selections from all forms of literature. A book that does not admit of division on the basis of 'F' characteristic cannot be divided on the basis of 'A' characteristic or 'W' characteristic.

73 Author Number

73. A colon need not be put after the Form Number.

Since, by the Rules 720 and 7201, the Form Number will always consist of a single Arabic numeral only, no ambiguity is likely to arise by not inserting the colon.

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730 The number of the author of the literary piece or work which the book contains or about which the book treats or of the literary author about whom the book treats is to be placed immediately after the Form Number. This group of digits may be termed the Author Number.

If the book is a biography or a criticism of, say, a poet, it is the poet who will determine the Author Number and not the author of the biography or criticism. For example, in the case of 'G. K. Chesterton's *Innocence of Father Brown*' Chesterton will determine the Author Number but in the case of the book 'G. K. Chesterton's *Charles Dickens*' it is Dickens and not Chesterton that will determine the Author Number. In other words, we must recognise what may be termed Author Inequality, *vis.*,

Author of Work (is not equal to)

≠ Author of Book

7301 The Author Number is to be constructed by the Chronological Device, the Chronological Number being worked out to three digits and the year of birth of the author being used as the epoch.

The arrangement of the authors, belonging to a particular Form Class, may be made either alphabetically by the name of the author or chronologically; in other words, the name of the author and the date of the author are two alternative characteristics which can be used for classifying the books in any given Form Class. But it can be easily seen that the name of the author is, in a sense, an accidental characteristic. On the other hand, the needs of students of literature will be better met if the chronological order of the authors is made the basis of classification.

Assuming that the authors should be classified on a chronological basis, there are three main epochs which can be made the characteristics of classification:—

1. The date of birth of the author;
2. The date on which his first literary work was published—the date of his literary birth, so to speak; and
3. The date of death of the author.

Of these, the last is not a practicable one, since the date of death of contemporary authors is an unknowable entity. While the date of literary birth will be the most suitable, this characteristic is not definite. It cannot be easily ascertained and there is likely to be difference of opinion about it. They do not satisfy the Canon of Ascertainability. Hence, the rule uses the date of birth of the author to construct the Author Number.

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The following books will be of use in finding the dates of authors:—

Language	Name of the book
English	(1) The Index Volume of the <i>Cambridge history of English literature</i> .
	(2) The Index Volume of the <i>Dictionary of national biography</i> .
	(3) <i>Who's who</i> .
	(4) <i>Who's who in literature</i> .
Sanskrt	.. KEITH (A. B.). <i>A history of Sanskrit literature</i> .
Tamil	.. POORNALINGAM PILLAI (M. S.). <i>A primer of Tamil literature</i> .
Telugu	.. VEERESALINGAM PANTHULU (K.). <i>Complete works</i> , V. 10, Pt. 1, <i>Lives of Telugu poets</i> .
Kanarese	.. NARASIMHACHARYA (R.). <i>Karnataka kavicarite</i> .
Persian	.. BROWNE (E. G.). <i>Literary history of Persia</i> .
Urdu	.. RAM BABU SAKSENA, <i>History of Urdu literature</i> .

Similar sources can be found for authors in other languages.

In Medieval Sanskrit Literature and similar cases, the exact year of birth of the author may not be found. In such cases it would be sufficient if care is taken that the relative order of the authors is properly secured. The Author Number is to be worked out to some arbitrary year so as to be in consonance with the relative order. Similarly, if the year of birth cannot be definitely ascertained in other cases, the most probable year is to be used. In the case of living authors, it can be ascertained by addressing them personally, if not ascertainable otherwise.

In the case of certain Ancient Sanskrit and Tamil works, there appears to be no means whatever of conclusively fixing even their centuries (or millennia!). Hence, a special illustrative schedule of some of these classics is given in Schedule O of Part II, where the numbers are worked out by a modified form of Chronological Device.

An author is likely to belong to more than one Form Division. In such cases, it will be an advantage if care is taken to see that he gets the same Author Number in each Form Division.

731 If a book belonging to a specific Form treats about more than one Author or contains or treats about a work or works of more than one Author, no Author Number is to be put.

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This rule is applicable to history, criticism, etc., of the specific Form, in general. It may also be applicable to books which contain selections from several Authors. A book that does not admit of classification on the basis of 'A' Characteristic will not admit of classification on the basis of 'W' Characteristic.

74 Work Number

74 A colon is to be put after the Author Number.

740 The digit or digits of the work contained or treated about in the book is to be placed immediately after the colon succeeding the Author Number. This group of digits may be termed the 'Work Number'.

Here also we should remember what may be termed Work Inequality, *viz.*

Work (is not equal to) \neq Book

This idea is to be used in the same way as the Author Inequality explained in the commentary on Rule 730.

7401 The Work Number is to be constructed as follows:

(a) If the number of works of the author does not exceed eight, the works are to be arranged in chronological order or, if it is impossible, in any arbitrary order, and the numbers 1, 2, 3, ... 8, respectively are to be assigned to the works.

(b) If the number of works of an author is greater than eight but does not exceed sixty-four, the works are to be arranged in chronological order or if it is impossible, in some arbitrary order and they are to be divided successively into groups of eight each, and the numbers 1, 2, 3, ... 8, respectively are to be assigned to the groups. Such a number may be termed the Group Number. Then to get the actual Work Number of the works in any group, numbers 1, 2, 3, ... 8 respectively are to be put after the Group Number; thus, each Work Number will consist of two digits, the first digit indicating the group into which the book falls and the second indicating the work in the group.

(c) If the number of works is greater than sixty-four but does not exceed 512, the same device may be extended. That is, the Work Number will consist of three digits the first digit showing the major group of 64 works into which the work falls, the second digit showing the subgroup of the major

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group into which the book falls, and the third digit indicating the work in the subgroup.

e.g., In the case of an author whose number of works does not exceed eight, the Work Number of the 6th will be '6', that of the 7th will be '7' and so on.

In the case of an author, the number of whose works is greater than eight but does not exceed 64, the 6th work will have the number '16', 7th will have '17', the 15th will have '27', the 16th will have '28', 54th will have the number '76', the 63rd will have the number '87' and so on.

741 If a book contains or treats about more than one work of an Author, no Work Number is to be put.

This rule is applicable to the criticism, bibliography, title index, line index, concordance, etc., of the Author or his works. It may also be applicable to the Author's collected works and to selections from his works.

A translation of a work will get the Class Number of the work itself. The fact that it is a translation and the language into which it is translated will be indicated automatically by the Language Part of its Book Number.

78 Special Notes on Common Subdivisions

78 In addition to and in slight modification of the Common Subdivisions given in Schedule 2 of Part II and explained in Chapter 2 of this Part, the following special Common Subdivisions also may be used for subdividing the classes in Literature.

c Index of titles of works.

e Index of first lines.

78a If a Common Subdivision Number, other than a bare or amplified ':9' is applied directly after the Language Number, the Language Number and the Common Subdivision Number are to be separated by a colon.

The object of this Rule will become clear if it is read with Rule 72b. However, the exclusion of the Common Subdivision Number ':9' from the operation of this Rule needs a word of explanation. If it is not excluded two colons will separate the digit '9' and the language Number. Hence its exclusion is merely to avoid the occurrence of two consecutive colons. A result of this is that books that deal with the general criticism of the literature in a language will come after all other subclasses of the literature of that language. This is not a very natural position for such books. On the other hand, the retention of the two colons, that is bringing the Common Subdivision Number ':9' also within

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the purview of this Rule, would bring such books on general criticism before the Form Classes begin. This is, no doubt, a more appropriate place for such books. Thus the choice is between tolerating two consecutive colons and taking the general criticism books outside their natural position. A library may choose one of these alternatives and stick to it.

78x In the case of a selection from a particular point of view, *x* is to be amplified by the Bias Number Device and not by the Chronological Device.

78:90 '9' may be termed the Criticism Number.

78:901 When the Criticism Number is applied to a Class Number which has not admitted of division on the basis of the Language characteristic, the colon digit in the Criticism Number is to be omitted.

The object of this Rule will become clear if it is read with Rule 72b.

78:91 If the Criticism Number is applied to a Class Number which does not include the Author Number and if the book gives critical studies of individual authors as its main purpose, it is to be amplified by the Chronological Device, the Chronological Number being worked out to two digits and the decade of birth of the youngest of the authors, a study of whom is included in the book, being used as the epoch.

78:911 If the main purpose of the book is not that of giving critical studies of individual authors but that of giving an exposition of the principles of criticism, the Criticism Number is not to be amplified by the Chronological Device.

The Criticism Number may, if necessary, be amplified by any appropriate Common Subdivision Number. Notwithstanding anything to the contrary contained in the Rules of Chapter 2, a further amplification of an amplifying Common Subdivision digit by the Chronological Device is to be made, wherever necessary, even if the Author Number occurs before the Criticism Number.

This provides for the classification of subjects like *Bibliographies of Literary Criticism*, *Periodicals on Literary Criticism*, *History of Literary Criticism*, *Biographies of Literary Critics*, *Collected Works of Literary Critics* and so on.

If we have a book, say, on the life of a Shakespearean critic, the critic being primarily associated with Shakespearean Criticism and not with any other subject and assuming that his date of birth is 1857, according to this Rule, it would get the Class Number 0:2J64:9wM57. According to Rule 2w however, the Chronological Number M57 is not

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to be applied as a Chronological Number *vis.*, J64 has already occurred in the Class Number. But it can easily be seen that such a course will not differentiate the biographies of all Shakespearean critics. The second part of this Rule is intended to obviate that difficulty.

78:93 In the case of a biography of an author, who is assignable to more than one form of Literature, the Form Number part of the Class Number is to be that one with which the author is most associated.

Though Shakespeare and Kalidasa are both dramatists as well as poets they are more associated with Drama. Hence their biographies are to be placed in the Form Division *Drama*. Although Thomas Hardy and Walter Scott are both novelists as well as poets, their biographies are to be placed in the Form Division *Fiction*. Similarly, although G. K. Chesterton is a prose writer, a novelist as well as a poet, his biography is to be placed in the Form Division *Other Forms of Prose*.

The general criticism of an author who is assignable to more than one Form Division is also to be treated in a similar way whenever found necessary.

78:94 In the case of criticism from a particular point of view, ':9' is to be amplified by the Bias Number Device and not by the Chronological Device.

79 The Devices

795 The Classic Device may, if necessary, be applied to any Class Number ending with Criticism Number.

This Rule is particularly applicable in the case of Sanskrit Literary Criticism. An illustrative Classic Device list is given in Schedule O of Part II.

798 *See also* Rules 78x and 78:94.

Conclusion

Before concluding this chapter, it may be advantageous to say a few words explaining the practical way in which the number of the ultimate class of a book is to be constructed by the classifier. It has been seen that the Class Number is likely to be of a number of parts, each part consisting of one or more digits. To build up the number part by part or digit by digit, as the case may be, it may be convenient if the classifier puts to himself, at each stage, a set of questions and selects the next digit in the light of the answer to such questions.

It is proposed to give here a picture of the way in which the classifier is to put to himself appropriate questions at different stages and proceed further in the light of the answers received:—

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- 1 Does the book give or treat about the literature,
 1. in more than one family of languages; or,
 2. in a specific language; if so, which language?

11 If the book gives or treats about the literature in more than one language, does it give or treat about

1. more than one form of literature; or,
2. a specific form of literature; if so, which form?

111 If it gives or treats about more than one form of literature, into what Common Subdivision does it fall? In other words, by what Common Subdivision Digit is the digit '0' to be amplified and does the Common Subdivision Digit need further amplification, and if so, in what manner?

111:9 If the amplifying Common Subdivision Number is ':9' does it admit of further amplification by a Common Subdivision Digit, or by the Chronological Device, or by the Classic Device, or by the Bias Number Device?

111:991 In case the Number ':9' admits of amplification by the Classic Device by what Favoured Category Digit or Author Number is it to be amplified.

111:9911 If it is to be amplified by the Favoured Category Digit, is that digit to be amplified by the First Order Commentary Number, and if so, is that number to be obtained by the Favoured Category Device or by the Chronological Device and what should be the Amplifying Number. And so on with the Second Order Commentary Number, etc.

111:9912 If it is to be amplified by the Author Number, is the Author Number to be amplified by a Work Number, and if so, what is the Work Number?

111:99121 Is the Work Number to be amplified by the First Order Commentary Number, and if so, is that number to be obtained by the Favoured Category Device or by the Chronological Device and what should be the amplifying Number? And so on with the Second Order Commentary Number, etc.

111:992 Does the Class Number arrived at so far admit of amplification by the Bias Number Device? If so what is the Bias Number to be applied? And so on.

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112 If the book gives or treats about a specific form of literature the appropriate Form Number is to be put after 'O'. Now, into what Common Subdivision does the book fall? In other words, by what Common Subdivision Digit is the number made up of the digit 'O' and the Form Digit to be amplified and does the Common Subdivision Digit need further amplification, and if so, in what manner?

The question 111 : 9 and all its subquestions are to be repeated here also.

12 If the book gives or treats about the literature of a specific family of languages, the appropriate Language Number followed by a colon is to be put after the digit O. Then, questions similar to 11 to 112 are to be put and answered.

13 If the book gives or treats about the literature of a specific language, the appropriate Language Number followed by a colon is to be put after the digit 'O'.

Now, does it give or treat about

1. more than one form of literature; or,
2. a specific form of literature; if so, which form?

131 If the book gives or treats about more than one form of literature, questions similar to 111 to 111:992 are to be put and answered.

132 If the book gives or treats about the literature of a specific form of literature, the appropriate Form Number is to be put after the Number made up of the parts 'O', the language Number and the colon.

Now, does the book give a work or works of or treat about

1. more than one author; or,
2. a specific author; if so, whom?

1321 If it gives a work or works of or treats about more than one author, questions similar to 111 to 111:992 are to be put and answered.

1322 If the book gives a work or works of or treats about a specific author, the Author Number is to be put after the Form Number

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Now, does the book give or treat about

1. more than one work of the author; or,
2. a specific work of the author; if so which?

13221 If the book gives or treats about more than one work of the author, questions similar to 111 to 111:992 are to be put and answered.

13222 If the book gives or treats about a specific work of the author, a colon is to be put after the Author Number and the Work Number is to be put after the colon. Then questions similar to 111 to 111:992 are to be put and answered.

133 The general hints given in chapter 9 of the *Prolegomena to library classification* may be of help in this connection.

8 HISTORY

80 Three trains of characteristics are to be used for the subdivision of History, *viz.*, Geographical Division or 'G', Problem or 'P', and Chronological Division or 'C'.

Apart from the Penultimate Octave Divisions and the Common Subdivisions and the Bias Number Divisions that may be applied to any subclass of history the natural special sub-divisions of history will have to be based on the three characteristics mentioned in this rule.

801 The three trains of characteristics, forming the basis of classification of History, are to be taken in the order 'G', 'P', 'C'.

A simple calculation will show that there are six ways of taking the three characteristics in order. The problem is to decide which of these six possible orders will be most convenient for those who use the books. It is only the experience of libraries that can give the necessary information about it.

The order suggested by the rule has been found to be quite convenient. The result of the order may be put as follows:—We shall imagine all the history books divided according to the country of which they treat and we shall imagine a separate building for the history of each country. A reader, interested, say, in Indian History, will have to go to the 'India Building', so to speak. On entering the building he will find that all the books on the political history of India are put in one room, all the books on the constitutional history of India are put in another room, all the books on the economic history of India are put in another room and so on. Let us assume that the reader is interested in the constitutional history and that he enters the 'constitution' room. There he will find several cupboards, each devoted to a particular epoch. Roughly speaking, this is the result of taking the characteristics in the order given by the rule. One can easily construct a similar picture for other possible orders of characteristics and satisfy oneself about the appropriateness of the particular order prescribed by the rule.

81 Geographical Number

810 The digit or digits of the geographical division, of the history of which the book treats, is to be placed immediately after the digit 'V'. This group of digits may be termed the 'Geographical Number'.

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8101 The numbers appropriate to the different geographical divisions are to be taken from the Geographical Table given in Schedule 3 of Part II.

It may be explicitly stated here that a book dealing with the history of the World is to be given the Geographical Number '1'. The only case in which the Geographical Number is to be omitted is that given in Rule 811.

811 If the book deals with the science of History or of the science of any Problem subdivision of history but does not give the history either of the world as a whole, or of any geographical division, no Geographical Number is to be put.

There are books which give an account of the methodology or the content or the history, etc. of History as an art or science. Again there may be biographies of historians. Evidently such books may not be assignable to any geographical division.

82 Problem Number

82 A colon is to be put after the Geographical Number.

82a If the book does not admit of classification on the basis of the train of geographical characteristics the colon is to be put immediately after 'V'.

820 The digit or digits corresponding to the Problem dealt with in the book is to be placed immediately after the colon succeeding the Geographical Number or the digit 'V' as the case may be. This group of digits may be termed the 'Problem Number'.

8201 The symbols and the appropriate Problem Classes are given in Schedule V of Part II.

The denotation of the term 'Political' as used in the Problem Classes is not quite definite. Perhaps, it is more convenient to define it in a negative way saying that it is not exclusively Constitutional or Economic, etc. Further, taking advantage of this vagueness in the meaning of that term and since the text-books in History may deal with more Problem Classes than one, we have made the first division Political and General.

822 The line of demarcation between the Problem Class '2 Constitutional' and the Main Class 'W Political Science' is not an easy one. A book, whose primary interest is tracing the history of or giving a descriptive account of the constitution of a country or of any of its specific constitutional aspects forming the subdivisions of the 'Problem Class 2' and which if at all, is led to the enunciation of certain general constitutional principles only in a subsidiary way or as a by-product of the narration of history, is to be put in the Main Class 'V History'

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and given the Problem Number 2, or any of its subdivisions. On the other hand, a book, whose primary interest is that of studying or giving an exposition of constitutional principles as such and in which the constitutions or the constitutional aspects of particular countries come in only incidentally for illustrative purposes, is to be put in the Main Class 'W Political Science'. In particular, all books dealing with the theory of elections and election methods are to be invariably put in the Main Class 'W Political Science'.

8226 Further, the 'Problem Class 26' is to be used only in the case of books that deal with the general constitutional aspects and the relation of the State to Local Bodies as a class. But if a book deals with a specific Local Body, its Geographical Number is to be worked out to the necessary number of digits to represent the geographical area of the Local Body and the appropriate Problem Class is to be used to construct its Problem Number.

823 The line of demarcation between the Problem Class '3 Economic' and the Main Class 'X Economics' is quite difficult to draw. The following convention is suggested:—A book that traces the march of the economic conditions, in general, of a country is to be put in the Main Class 'V History' and given the Problem Number '3 Economic'. But a book that describes the history or gives a descriptive account of any of the particular aspects of Economic Science indicated in the subdivisions of the Main Class 'X Economics,' is to be put in the Main Class 'X Economics.' For example, books that deal with the labour conditions of a country, the currency of a country, the taxation of a country, the banks of a country, any specific industry of a country, etc. are to be put in the Subject Division 'X Economics'. It need hardly be said that books whose primary interest is the exposition of the principles of the Science of Economics or of any specific aspect of that Science are to be put in the Main Class 'X Economics'.

824 Whereas books dealing with the art of War are to be put in the appropriate subdivision in the Main Class 'M Useful Arts', a book tracing the history of military, naval or aerial operations of a country is to be put in the Main Class 'V History' and given the Problem Number '4 Military, etc. History.'

825 The line of demarcation between the Problem Class '5 Cultural History' and the Class 'Y1 Sociology' is as difficult to draw as in the case of '2 Constitutional History' and '3 Economic History'. The convention to be adopted is to be similar to the one mentioned in Rule 823 and not that in Rule 822.

83 Chronological Number

83 A colon is to be put after the Problem Number.

830 The digit or digits corresponding to the period covered by the book are to be placed immediately after the colon succeeding the Problem Number. This group of digits may be termed the 'Chronological Number'.

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8301 The epoch used for the construction of the Chronological Number is to be the latest point of time covered by the book.

8302 The Chronological Number is to be worked out to three digits if the history is brought up to a definite outstanding well-known epoch. If, on the other hand, there is no outstanding epoch up to which the history is traced, it is to be worked out to the two digits corresponding to the latest decade touched by the book.

88 Special Notes on common Subdivisions

88 Notwithstanding anything to the contrary contained in Rule 23 of Chapter 2 of this Part, in the case of books falling in the Main Class 'V History', the bare or amplified Common Subdivision Number is to be applied immediately after the Problem Number and the classification on the basis of the 'C' characteristics may be omitted.

It may be recollected that most of the rules in Chapter 2 of this Part provide for the amplification of the Common Subdivision Digit by the Chronological Device. This rule seeks to take advantage of that fact.

88l In the case of the Main Class 'V History,' the Common Subdivision Digit *l* is to be used not only to represent learned societies and institutions but also organisations like the *League of Nations* and the *Institute of Pacific Relations* which are associations of Nations or States. In such cases the digit *l* is to be applied immediately after the Geographical Number and amplified in accordance with the rules for amplification.

88q19 A treaty with another State is to be given the Problem Number '19 Foreign Policy' and amplified by the digit *q* which itself is to be amplified by the Geographical Device and then by the Chronological Device, the Geographical Number and the Chronological Number being separated by a colon. The Country or the State which forms the other party to the Treaty is to be used to construct the Geographical Number. If there be more than one such country, the first of the countries is to be used. If the book gives a single treaty with the State, the Chronological Number is to be worked out to three digits, the year of the Treaty being used as the epoch. If the book gives more than one Treaty with the State used

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to construct the Geographical Number, the Chronological Number is to be worked out to two digits only, the decade of the latest of such treaties being used as the epoch.

88q2 A Constitutional Act is to be given the Problem Number '2 Constitutional' and amplified by the digit *q* which itself is to be amplified by the Chronological Device. If a book gives a single Constitutional Act, the Chronological Number is to be worked out to three digits, the year of the Act being used as the epoch. If a book gives more than one Constitutional Act the Chronological Number is to be worked out to two digits, the decade of the latest of the Acts being used as the epoch.

88r The Administration Report of a State or Local Body is to be given the Problem Number '1 Political and general' amplified by the digit *r*.

88s The Class Numbers of books giving only tables of Kings, Ministers, etc. are to be amplified by the digit *s* which itself is to be amplified in accordance with Rule 2s.

88w Biographies of persons of the diplomatic services of a State are to be given the Problem Number '19 Foreign Policy' and amplified by the digit *w* which itself is to be amplified in accordance with Rule 2w.

Although indicated already in the commentary to Rule 2w it may be repeated here that the biography of a King, a President, a Viceroy, a Governor, a Minister, a Legislator, a Leader of a Political Party, a Person who has been known as one who has fought for Political Rights, and a Person whose name is best associated with the functioning of Local Bodies, etc. is to be placed in the appropriate subdivision of the Problem division '2 Constitutional'.

89 The Devices

89 Notwithstanding anything to the contrary contained in Rule 682 of Chapter 6 of this Part, in the case of books falling in the Main Class 'V History', the Bias Number is to be applied before the 'C' characteristic is used.

8919 In the case of a book dealing with the Foreign Policy of a State in regard to some other specific State, the Problem Number '19' is to be amplified by the Bias Number Device using the Geographical Number of the other State as the Bias Number. A colon is to be put after the number

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thus got and the appropriate Chronological Number is to be added thereafter.

89190 In the case of a book dealing with the Foreign Policy of a State in relation to some other State and in regard to a Specific Subject, the Bias Number Device is to be applied once again after the Geographical Bias Number using the Class Number of the specific subject as the Bias Number.

8919*q* In the case of a treaty on a specific subject such as 'Extradition', 'Trade facilities', 'Cessation of hostilities', 'Postal matters' and so on, the Problem Number '19' is to be amplified by the Bias Number Device using the Number of the subject matter of the treaty as the Bias Number. The digit *q* is to be put after the Bias Number and amplified as in Rule 88*q*19 and its subdivisions.

9 GENERALIA

9 The main classes of Generalia and their subdivisions are given in Schedule 9 of Part II.

The rules for the subdivision of 'Literature' and 'History' were begun with the enumeration of certain characteristics to be used as the basis of their classification. It will be noticed later that the same method is adopted in the case of most of the other subjects. But such a course is not available in the case of 'Generalia'.

Further it might be noticed from Schedule 1 of Part II that no symbol is given to represent the Main Class 'Generalia'. In fact, the term Generalia is merely introduced, for convenience of reference, as the generic name for the totality of divisions indicated in Schedule 9 of Part II. The succeeding rules of this Chapter deal with the subdivisions of the several main classes of Generalia.

91 Bibliography

910 Two trains of characteristics are to be used for the subdivision of Bibliography, *viz.* Material or 'M' and Bibliography or 'B'.

The connotation of these terms will become clear in the succeeding rules.

9101 The two trains of characteristics forming the basis of classification of Bibliography are to be taken in the order 'M', 'B'.

The term bibliography is far from being definite in its use. We are here using it in the sense indicated by the divisions based on the train of 'B' characteristic mentioned in Rule 910.

It may be added here that a bibliography of the writings on a particular theme will be indicated by amplifying the Class Number of the theme by the Common Subdivision digit *a*, itself being amplified in accordance with Rule 2*a*. The bibliography of an author, not represented by an Author Number in Literature, is to be indicated by amplifying the number representing his Collected Works by the Common Subdivision digit *a*, itself being amplified in accordance with Rule 2*a*. It is only general bibliographies, which cannot be assigned to any other single Class or Author, that are to be placed in this class.

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911 Material Number

9110 The digit or digits of the material, a bibliographical list of which is given in the book, is to be placed immediately after the digit '1'. This group of digits may be termed 'Material Number'.

91101 The symbols and the corresponding 'Material Classes' are given in Schedule 9 of Part II.

9111 In the case of a book giving a bibliographical list of more than one kind of material, the Material Number is not to be put.

912 Bibliography Number

912 A colon is to be put after the Material Number or after '1' according as the Material Number is or is not used.

9120 The digit, indicating the nature of the bibliography which the book contains, is to be put immediately after the colon mentioned in Rule 912. This digit may be termed the 'Bibliography Number.'

91201 The symbols and the corresponding 'Bibliographical Classes' are given in Schedule 9 of Part II.

Among the first three classes on the basis of the 'B' characteristic, if there is any ambiguity as to which of them is to be used to construct the Bibliography Number, the latest of them is to be used. Again if there is ambiguity between the classes (a) 1, 4 and 5; or, (b) 2, 4, and 5; or, (c) 3, 4, and 5, the earliest of the divisions possible is to be used in each case.

91202 A colon is not to be put after the Bibliography Number in case it has to be amplified by any of the Devices.

Since the Bibliography Number will always consist of a single Arabic numeral only except for initial 9's if any no ambiguity is likely to arise by not inserting the colon.

9121 The Bibliography Number '1' is to be amplified first by the Geographical Device and then by the Chronological Device, the Geographical Number and the Chronological Number being separated by a colon. The geographical area, of the publications published in which the book gives a bibliography, is to be used to construct the Geographical Number. If the bibliography is a stray or isolated one, the Chronological Number is to be worked out to two digits and the decade up to which the bibliography is brought is to be used as the

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epoch. If it is issued periodically, the Chronological Number is to be worked out to three digits, the year of commencement of the publication being used as the epoch.

9122 The Bibliography Number '2' is to be amplified first by the Geographical Device and then by the Chronological Device, the Geographical Number and the Chronological Number being separated by a colon. The geographical area, with which the publications in the bibliography deal, is to be used to construct the Geographical Number. If the bibliography is a stray or isolated one, the Chronological Number is to be worked out to two digits and the decade up to which the bibliography is brought is to be used as the epoch. If it is issued periodically, the Chronological Number is to be worked out to three digits, the year of its commencement being used as the epoch.

9123 After the Bibliography Number '3', the number representing the language, the bibliography of the publications in which or about which is given in the book, is to be put.

91231 The Class Number got by Rule 9123 is to be amplified by the Chronological Device only or by the Geographical Device and then by the Chronological Device, according to the requirements of the case. In the former case, a colon is to be put before the Chronological Number. In the latter case, a colon is to be put before and after the Geographical Number.

In either case, if the bibliography is a stray or isolated one, the Chronological Number is to be worked out to two digits, the decade up to which the bibliography is brought being used as the epoch and if it is issued periodically, the Chronological Number is to be worked out to three digits, the year of commencement of the publication being used as the epoch. In the latter case, the geographical area of the materials in which alone or about which alone it gives a bibliography, is to be used to construct the Geographical Number.

9124 The Bibliography Number '4' is to be amplified, first by the Geographical Device and then by the Chronological Device, the Geographical Number and the Chronological Number being separated by a colon. The country in which the library is situated is to be used to construct the Geographical Number. The Chronological Number is to be worked

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out to three digits, the date of foundation of the library or of the institution to which it may belong, if it belongs to any, being used as the epoch.

9125 The Bibliography Number '5' is to be amplified, first by the Geographical Device and then by the Chronological Device, the Geographical Number and the Chronological Number being separated by a colon. The country in which the publishing firm is situated is to be used to construct the Geographical Number. The Chronological Number is to be worked out to three digits, the date of foundation of the publishing firm being used as the epoch. If the publisher is the government of the country, the Chronological Number may be omitted.

92 Library Science

920 Two trains of characteristics are to be used for the subdivision of Library Science, *viz.* Problem or 'P' and Library or 'L'.

9201 The two trains of characteristics forming the basis of classification of Library Science are to be taken in the order 'P', 'L'.

921 Problem Number

9210 The digit or digits of the problem dealt with in the book are to be placed immediately after the digit '2'. This group of digits may be termed the 'Problem Number'.

92101 The numbers appropriate to the different problems are given in Schedule 9 of Part II.

9211 If a book treats about more than one problem, no Problem Number is to be put.

922 Library Number

922 A colon is to be put after the Problem Number or after '2' according as the Problem Number is or is not used.

9220 The digit or digits of the type of library are to be put after the colon. This group of digits may be termed the 'Library Number.'

92201 The numbers appropriate to the different types of libraries are given in Schedule 9 of Part II.

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928*q* In the case of a Schedule of Classification, the digit *q* is to be added after the Problem Number "51 Classification" and is to be amplified first by the Chronological Device and then by the Subject Device. No colon is to be put between the Chronological Number and the Subject Number. The Chronological Number is to be worked out to three digits, the date of first publication of the Schedule of Classification being used as the epoch. If the Schedule of Classification deals with more than one Subject, the Subject Number need not be put.

928*q*1 In the case of a Code of Cataloguing Rules, the digit *q* is to be put after the Problem Number '55 Cataloguing' or its subdivision as the case may be and is to be amplified by the Chronological Device. The Chronological Number is to be worked out to three digits, the year in which the Code was first published being used as the epoch.

93 Dictionaries. Encyclopædias

93 In the case of the Division '3 Dictionaries, Encyclopædias', the digit '3' is to be amplified first by the Geographical Device and then by the Chronological Device, the Geographical Number and the Chronological Number being separated by a colon. The country in which the encyclopædia is published is to be used to construct the Geographical Number. The Chronological Number is to be worked out to three digits, the year in which the first published volume of the first edition was published being used as the epoch.

It is only general encyclopædias that are to be put in the Generalia Class '3'. Encyclopædias of particular subjects are to be indicated in accordance with Rule 2*k* of Chapter 2 of this Part. It is only dictionaries of a general nature that are to be put in the Generalia Class '3'. Dictionaries giving the meanings of words or phrases are to be put in the Subject Division 'P Linguistics.'

931 Notwithstanding anything to the contrary contained in Rule 93, if the encyclopædia gives information about a specific country that country is to be used to construct the Geographical Number required to amplify the digit '3' and not the country in which the encyclopædia is published.

94—98 Societies to Yearbooks

The Generalia Numbers '4 to 8' and their subdivisions, if any, are to be amplified exactly like the Common Subdivisions corresponding to them dealt with in Chapter 2 of this Part, with the following provisos:—

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1. In the case of a Society or a periodical which specialises in the study of a particular geographical area, the digit 4 or 5, as the case may be, is to be first amplified by the Bias Number Device using the number of the geographical area concerned as the Bias Number and a colon is to be put after the Bias Number before it is dealt with as in Rule 2*l* or 2*m*.

2. In the case of Indian Generalia Periodicals in an Indian language the number '52' is to be first amplified by the Bias Number Device using the number of the language of the periodical as the Bias Number and a Colon is to be put after the Bias Number before the Chronological Number is applied.

3. In the case of national biographies, the digit 7 is to be amplified first by the Geographical Device and then by the Chronological Device.

Only books which cannot be assigned to any one of the Subject Divisions 'A to Z' are to be put in the appropriate Generalia Classes '4 to 8.' *Who is Who* is to be put in the Generalia Class '7' and the digit '7' is to be amplified, in its case, as if it were a periodical.

The provisoes are intended to bring together special periodicals like Orientalia or Indiana ones or those in particular Indian languages.

99 General Essays

99 The General Eassays Number '9' is to be amplified by the Classic Device.

991 In the case of general essays that specialise in the study of a particular geographical area, the digit 9 is first to be amplified by the Bias Number Device using the number of the geographical area concerned as the Bias Number and then only amplification by the Classic Device is to be made.

This rule is intended to bring together specialised general essays such as essays on Orientalia and Indiana.

998 Theses

998 The Generalia Number '98' is to be amplified, first by the Geographical Device and then by the Chronological Device, the Geographical Number and the Chronological Number being separated by a colon. The country of the University or Institution to which the theses were submitted is to be used to construct the Geographical Number. The Chronological Number is to be worked out to three digits, the year of foundation of the University or Institution being used as the epoch.

A SCIENCE (GENERAL)

A1 As 'B to M' are really subdivisions of 'A', 'A' itself need not be divided on the basis of any characteristic. The only way in which A is to be subdivided is by the application of Common Subdivisions or the Classic Device or the Bias Number Device or the Last Octave Principle.

B MATHEMATICS

B The chief divisions of Mathematics and their subdivisions are given in Schedule B of Part II.

All the remarks given under Rule 9 of Chapter 9 are applicable here. It is not possible to enunciate any relevant characteristics which may be made the basis for the classification of Mathematics as a whole. In fact we have to divide Mathematics in the first instance, along canonical lines. Even some of the canonical classes of Mathematics have to be further subdivided only on canonical lines. But certain canonical classes and subclasses admit of classification on the basis of definite and appropriate trains of characteristics, as can be seen from Schedule B as well as from the succeeding rules of this Chapter.

The terms used to denote the classes of Mathematics cannot be said to be quite definite. Even the Oxford Dictionary does not help us in fixing their denotation. Their denotation is to be fixed only by the enumeration of their subdivisions.

There are several Special Forms in Mathematics about each of which literature has accumulated and is accumulating. Such Special Forms appear in all subdivisions of Mathematics. For example we have Special Arithmetic Functions, Special Algebraic Equations, Special Algebraic Transformations, Special Groups, Special Series, Special Integrals, Special Differential Equations, Special Differential Operators, Special Functions and so on.

The method that is invariably employed in Mathematics as well as in all other subjects to represent such Special Forms, Topics, Theories, etc., is that of working out the Class Number as far as it is possible on the basis of the characteristics of classification and amplifying the Class Number, thus arrived at, by the Chronological Device, the Chronological Number being usually worked out to three digits. The year of the first publication of an authentic exposition or investigation of the Topic or Theory or Form, as the case may be, is to be used as the epoch. The volumes of *Encyklopädie der mathematischen Wissenschaften* will be of help in fixing the Chronological Number in most of the cases. Other books on the History of Mathematics may also be of help.

B1 Arithmetic

B1 The subdivision of Arithmetic is not based on any natural characteristic. The subdivisions are merely the canonical ones.

It may be stated here that books on Cardinal Numbers, Ordinal Numbers, Transfinite Numbers and similar topics are not to be placed

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in this division. Their appropriate place is B31 'Foundations of Analysis.'

B11 Lower Arithmetic

B11 By 'Lower Arithmetic' is meant arithmetic as it is popularly understood. Some of its subdivisions are indicated in Schedule B of Part II. It is unlikely that there will be either books or even articles on topics which are more specialised than the subdivisions given in the Schedule. If there be any, each subdivision may be further subdivided in any suitable manner.

B12 Concept of Numbers

B12 The division 'Concept of Numbers' is to be used only for books which do not deal either with the special psychology of numbers on the one hand or with the foundations of Analysis on the other. This division is intended to hold popular accounts of the 'Concept of Numbers' such as Conant's *Concept of numbers*.

B13 Theory of Numbers

B130 Three trains of characteristics are to be used for the subdivision of 'Theory of Numbers,' viz., Number or 'N', Problem or 'P' and Method or 'M'.

B1301 The three trains of characteristics forming the basis of classification of 'Theory of Numbers' are to be taken in the order 'N', 'P', 'M'.

B1302 The Numbers corresponding to these trains of characteristics may be termed the 'Number Number', the 'Problem Number' and the 'Method Number' respectively.

B1303 The symbols and the appropriate divisions on the basis of each of these trains of characteristics are given in Schedule B of Part II.

The term 'Theory of Numbers' is traditionally used to the study of the properties of Integers. Its use is also, nowadays, extended to the study of certain other classes of numbers such as Ideal Numbers and Higher Complex Numbers which are given as further divisions of B1. In this extended sense, 'Theory of Numbers' is also denoted by the term 'Higher Arithmetic.'

B131 The classes into which numbers are divided on the basis of 'N' characteristic are not intended to be mutually exclusive in the sense that the same number should not occur in more than one class. It is only the aspect studied that will be different in the different classes. The evolution of the 'Theory of Numbers' indicates that the centre of attention is not on the numbers as such but on the aspects of numbers which are indicated in the Schedule. Further aspects, which may

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appear in future, can be accommodated either as subdivisions of the classes already given or as additional classes.

B133 It can be seen from the Schedule of 'Method Numbers' forming part of Schedule B of Part II, that the 'Method Numbers' are mnemonically derived from the canonical classes of the Main Class 'B Mathematics' and their subclasses. Whenever necessary, the 'Method Numbers' may be further subdivided in the same way as the canonical classes of Mathematics are subdivided.

B2 Algebra

B2 The subdivision of Algebra is not based on any natural characteristic. The subclasses are merely canonical ones.

B21 Elementary Algebra

B21 By 'Elementary Algebra' is meant Algebra which does not involve infinite processes. The subclasses of 'Elementary Algebra' also are on canonical lines.

B23 Theory of Equations

B230 Two trains of characteristics are to be used for the subdivision of 'Theory of Equations', *viz.*, Equation or 'E' and Problem or 'P'.

B2301 The two trains of characteristics forming the basis of classification of 'Theory of Equations' are to be taken in the order 'E', 'P'.

B2302 The numbers corresponding to these trains of characteristics may be termed the 'Equation Number' and the 'Problem Number' respectively.

B2503 The symbols and the appropriate divisions on the basis of each of these trains of characteristics are given in Schedule B of Part II.

B25 Higher Algebra

B250 Three trains of characteristics are to be used for the subdivision of Higher Algebra, *viz.*, Form or 'F', Degree or 'D' and Transformation or 'T'.

B2501 The three trains of characteristics forming the basis of classification of Higher Algebra are to be taken in the order 'F', 'D', 'T'.

B2502 The Numbers corresponding to these trains of characteristics may be termed the 'Form Number', the 'Degree Number' and the 'Transformation Number' respectively.

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B2503 The symbols and the appropriate divisions on the basis of each of these trains of characteristics are given in Schedule B of Part II.

B291 The division 'B29 Algebras' is to be subdivided by the Favoured Category Device. If there be more Algebras than can be accommodated by the Favoured Category Device, the Chronological Device may be used to individualise the further ones.

B3 Analysis

B3 The subdivision of Analysis is not based on any natural characteristic. The subclasses are merely canonical ones.

B33 Differential and Integral Equations

B330 Four trains of characteristics are to be used for the subdivision of Differential and Integral Equations, *viz.*, Equation or 'E', Degree or 'D', Order or 'O' and Problem or 'P'.

B3301 The four trains of characteristics forming the basis of classification of Differential and Integral Equations are to be taken in the order 'E', 'D', 'O', 'P'.

B3302 The numbers corresponding to these trains of characteristics may be termed the 'Equation Number', the 'Degree Number', the 'Order Number' and the 'Problem Number' respectively.

B3303 The symbols and the appropriate classes on the basis of each of these trains of characteristics are given in Schedule B of Part II.

B339 Special Integral and Differential Equations are to be individualised by the Chronological Device.

B37 Real Variable

B370 Two trains of characteristics are to be used for the subdivision of 'Real Variable', *viz.*, Variable or 'V' and Problem or 'P'.

B3701 The two trains of characteristics forming the basis of classification of Real Variable are to be taken in the order 'V', 'P'.

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B3702 The numbers corresponding to these trains of characteristics may be termed the 'Variable Number' and the 'Problem Number' respectively.

B3703 The symbols and the appropriate divisions on the basis of each of these trains of characteristics are given in Schedule B of Part II.

B38 Complex Variable

B380 Two trains of characteristics are to be used for the subdivision of Complex Variable, viz., Variable or 'V' and Problem or 'P'.

B3801 The two trains of characteristics forming the basis of classification of Complex Variable are to be taken in the order 'V', 'P'.

B3802 The numbers corresponding to these trains of characteristics may be termed the 'Variable Number' and the 'Problem Number' respectively.

B3803 The symbols and the appropriate divisions on the basis of each of these trains of characteristics are given in Schedule B of Part II.

B39 Special Functions

B39 Each subclass of B39 is to be amplified by the Chronological Device to individualise Special Functions.

B391 Each Special Function may be divided on the basis of the train of Problem Characteristics, as is done in the case of 'B38 Complex Variable'.

B4 Other Methods

B4 The subdivisions of B4 by the Favoured Category Device are given in Schedule B of Part II. If other methods of Analysis are discovered than can be accommodated by the Favoured Category Device, the Chronological Device will have to be employed. The divisions representing each method may have to be further subdivided on the basis of appropriate characteristics. It has not been attempted, however, in this edition, as these subjects are quite recent and sufficient literature has not come out to justify the labour involved in further subdividing them.

B6 Geometry

B60 Two trains of characteristics are to be used for the subdivision of Geometry, viz., Space or 'S' and Method or 'M'.

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B601 The two trains of characteristics forming the basis of classification of Geometry are to be taken in the order 'S', 'M'.

B602 The numbers corresponding to these trains of characteristics may be termed the 'Space Number' and the 'Method Number' respectively.

B603 The symbols and the appropriate divisions on the basis of each of these trains of characteristics are given in Schedule B of Part II.

The first division under the train of 'S' characteristics is rather anomalous. It is devoted to books on the 'Foundations of Geometry'. Each of the other divisions on the basis of the train of 'S' characteristics has been further subdivided on the basis of the Degree of the Curve or Surface studied in the book. As usual Special Curves and Special Surfaces are to be individualised by the Chronological Device. The division 9 on the basis of the train of 'S' characteristics is devoted to Non-Euclidian Geometry. Some of its subdivisions by the Favoured Category Device are indicated in Schedule B of Part II. If there be more systems of Geometry than can be accommodated by the Favoured Category Device, the Chronological Device is to be used to individualise the further ones.

B7 Mechanics

B70 Two trains of characteristics are to be used for the subdivision of Mechanics, *viz.*, Matter or 'M' and Problem or 'P'.

B701 The two trains of characteristics forming the basis of classification of Mechanics are to be taken in the order 'M', 'P'.

B702 The numbers corresponding to these trains of characteristics may be termed 'Matter Number' and 'Problem Number' respectively.

B703 The symbols and the appropriate divisions on the basis of each of these trains of characteristics are given in Schedule B of Part II.

B9 Astronomy

B90 Two trains of characteristics are to be used for the subdivision of Astronomy, *viz.*, Body or 'B' and Problem or 'P'.

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B901 The two trains of characteristics forming the basis of classification of Astronomy are to be taken in the order 'B', 'P'.

B902 The numbers corresponding to these trains of characteristics may be termed the 'Body Number' and the 'Problem Number' respectively.

B903 The symbols and the appropriate divisions on the basis of each of these trains of characteristics are given in Schedule B of Part II.

C PHYSICS

C The chief divisions of Physics and their subdivisions are given in Schedule C of Part II.

Physics is one of the few subjects in which the rules for subdivision cannot be begun with the enumeration of some trains of characteristics to be used as the basis of their classification. On the other hand, we have to divide physics, in the first instance, on canonical lines. Some of these canonical divisions admit of further subdivision on the basis of certain trains of characteristics.

C2 Properties of Matter

C20 Two trains of characteristics are to be used for the subdivision of Properties of Matter, *viz.*, State of Matter or 'S' and Problem or 'P'.

C201 The two trains of characteristics forming the basis of classification of Properties of Matter are to be taken in the order 'S', 'P'.

C202 The numbers corresponding to these trains of characteristics may be termed the 'State Number' and the 'Problem Number' respectively.

C203 The symbols and the appropriate divisions on the basis of each of these trains of characteristics are given in Schedule C of Part II.

C3 Sound

C30 Two trains of characteristics are to be used for the subdivision of Sound, *viz.* Wavelength or 'W' and Problem or 'P'.

C301 The two trains of characteristics forming the basis of classification of Sound are to be taken in the order 'W', 'P'.

C302 The numbers corresponding to these trains of characteristics may be termed the 'Wavelength Number' and the 'Problem Number' respectively.

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C303 The symbols and the appropriate divisions on the basis of each of these trains of characteristics are given in Schedule C of Part II.

C4 Heat

There is only one train of characteristics forming the basis for the classification of Heat, *viz.*, Problem or 'P'. The classes based on the train of 'P' characteristics are given in Schedule C of Part II.

C5 Light

C50 Two trains of characteristics are to be used for the subdivision of Light, *viz.*, Wavelength or 'W' and Problem or 'P'.

C501 The two trains of characteristics forming the basis of classification of Light are to be taken in the order 'W', 'P'.

C502 The numbers corresponding to these trains of characteristics may be termed the 'Wavelength Number' and the 'Problem Number' respectively.

C503 The symbols and the appropriate divisions on the basis of each of these trains of characteristics are given in Schedule C of Part II.

C51 The first division on the basis of the train of 'W' characteristics represents visible light and the divisions '2' to '8' represent the invisible regions of the spectrum.

C528 Specific theories are to be individualised by the Chronological Device. The Chronological Number is to be worked out to three digits, the date of the first publication of an authentic exposition of the theory being used as the epoch.

C6 Electricity

C60 Two trains of characteristics are to be used for the subdivision of Electricity, *viz.*, Electricity or 'E' and Problem or 'P'.

C601 The two trains of characteristics forming the basis of classification of Electricity are to be taken in the order 'E', 'P'.

C602 The numbers corresponding to these trains of characteristics may be termed the 'Electricity Number' and the 'Problem Number' respectively.

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C603 The symbols and the appropriate divisions on the basis of each of these trains of characteristics are given in Schedule C of Part II.

C628 Specific theories on the nature of Electricity are to be individualised by the Chronological Device.

C8 Cosmic Hypothesis

C8 Specific theories are to be individualised by the Chronological Device.

Some illustrative examples are given in Schedule C of Part II.

CA Wherever necessary, the train of 'State of Matter' characteristic mentioned in section C2 of this Chapter may be used as an additional train of characteristic for further classification.

e.g. C433:1 Specific heat of solids

C62:14:8 Conduction of electricity through gases.

D ENGINEERING

D0 Subject to the provisions of Rule D60 and its subdivisions, three trains of characteristics are to be used for the subdivision of Engineering, *viz.*, Work or 'W', Part or 'P' and Engineering or 'E'.

D01 The three trains of characteristics forming the basis of classification of Engineering are to be taken in the order 'W', 'P', 'E'.

D02 The Numbers corresponding to these trains of characteristics may be termed the Work Number, the Part Number and the Engineering Number respectively.

D03 The symbols and the appropriate divisions on the basis of each of these trains of characteristics are given in Schedule D of Part II.

D1 The traditional divisions of engineering are Civil Engineering and Mechanical Engineering. But the term Civil Engineering is too vague. Divisions 1, 2 and 4 on the basis of the Work characteristic will come in the category of Civil Engineering. Mining Engineering and Municipal and Sanitary Engineering are additional divisions which it has been found convenient to introduce.

D2 The divisions based on the train of Part characteristics would naturally depend upon the Work Number and would be different for different types of work. Hence the Part Divisions for certain Work Numbers only have been given in the Schedule by way of illustration. For the other Work Divisions the parts are to be worked out in an analogous manner.

The divisions on the basis of the train of Part characteristic become very specialised in each branch of Mechanical Engineering. In a specialised Engineering library it would be necessary to work out the parts for each one of the Work Numbers given as subdivisions of Mechanical Engineering. But it may not be necessary in a general library. Lionel S. Mark's *Mechanical engineers' handbook* may be of much use in working out such details.

D315 The division '15 Hydraulics' on the basis of the train of Engineering characteristic is to hold books dealing with general hydraulics, topics such as flow of water, etc. Books dealing with irrigation are to be put in the Work Division '2' and those that deal with hydro-electric topics are to be put in the Work Division '66'.

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D60 In the case of the Work Division '6' and its subdivisions, a further train of characteristics may be used in addition to those of the 'P' and 'E' characteristics. The additional train of characteristics may be termed Secondary Work or 'S'.

D601 The train of 'S' characteristics is to come between the train of 'W' characteristics and that of 'P' characteristics.

D602 The Number corresponding to this train of characteristics may be termed the Secondary Work Number.

D603 The symbols and the appropriate divisions on the basis of this train of characteristic are given in Schedule D of Part II.

D61 The division '1' Generation' may have to be further subdivided but the subdivisions are likely to depend upon and vary with the Work Number to which the Secondary Work Number is attached. The subdivisions in the case of Electrical Engineering are given in the Schedule by way of illustration. For the other cases, the subdivisions are to be worked out in a similar manner.

D8e The way in which the Common Subdivision Digit 'e' is to be subdivided when applied to the Work Number '66' is indicated in Schedule D of Part II, as there are likely to be monographs on particular electrical instruments.

D8v The Common Subdivision Digits *u* and *v* are to be used on the analogy of their use in T Education. *Vide* rules T8*u* and T8*v*.

E CHEMISTRY

E0 Two trains of characteristics are to be used for the subdivision of Chemistry, *viz.*, Problem or 'P' and Substance or 'S'.

E01 The two trains of characteristics forming the basis of classification of Chemistry are to be taken in the order 'P', 'S'.

E02 The Number corresponding to these trains of characteristics may be termed the Problem Number and the Substance Number respectively.

E03 The symbols and the appropriate divisions on the basis of each of these trains of characteristics are given in Schedule E of Part II.

E17 The Problem Class '7 Biochemistry' may be subdivided on the basis of the train of Problem characteristics as the Subject Division 'E Chemistry' itself is divided.

E21 The Substance Division '1' is to accommodate books on the chemistry of specific elements. The classification of Elements has been based on the Periodic Table. In fact, the second digit in the numbers of the subdivisions of the Substance Division represents the group to which the element belongs and the third digit ordinarily represents its period. It may be recollected that the vertical and horizontal rulings in the Periodic Table give rise to 90 cells.

Each cell ordinarily accommodates one element. When there are two elements in a cell the number corresponding to the cell is assigned to one of the two elements and for the other this number is amplified by the digit '9'. In three cells of group 8, however, there are three elements. In these cases the third element has been, for convenience, assigned to the next later period, which happens to be vacant in all the three cases.

The reason for assigning the digit '9' for the second element, if any, in a cell and for transferring the third element to the next cell will become clear in the remarks under Rule E2203.

Ammonia has been treated as an Element for purposes of classification.

E211 The group of digits following the initial digit '1' may be termed the Element Number.

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Thus every element has an Element Number consisting of either two digits or three digits. It may be repeated that if the Element Number runs to three digits, the third digit will be '9'.

E219 The Substance Division '19' is introduced to accommodate special groupings of Elements which are common.

E220 If a book deals primarily with the hydroxyls or basic oxides of an element, its Substance Number is to consist of the digit '2' followed successively by the number of the constituent element, *i.e.*, the element whose hydroxyl or basic oxide forms the primary subject-matter of the book and the Valency Number, *i.e.*, the Arabic numeral representing the valency of the element in the oxide.

E2201 The amphoteric oxides are to be traced as basic oxides in constructing their Substance Number.

E2202 The Element Number followed by the Valency Number may be termed the Full Element Number.

E2203 If there be more than one basic oxide with a given valency for the element, the number got by Rule E220 is to be used for one of them and the numbers 1, 2, etc., are to be added to the number got by Rule E220 in the case of the second, third, etc., respectively of the basic oxides. If the number thus added is in more than one digit, it is to be read as an integer and not as a decimal.

It is known that the valency of no element is higher than 8. Hence, the Valency Number amplifying an Element Number will always be a number not exceeding 8. It is on account of this fact that the digit '9' was used to represent the second element, if any, in a cell, with a view to avoid a colon between the Element Number and the Valency Number.

E229 The Substance Number '29' is used, as is indicated in Schedule E of Part II, for binaries other than water which are neither hydroxyls nor acids nor salts. Water is regarded as the hydroxyl of hydrogen in the construction of its Substance Number.

E2290 If a book deals primarily with a binary, its Substance Number is to consist of the number '29' followed by the Full Element Number of the first constituent element and then by that of the second constituent element.

E22901 If there be more than one binary with the same two Full Element Numbers, the number got by Rule E2290 is

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to be used for one of them and the numbers 1, 2, etc., are to be added to the number got by Rule E2290 in the case of the second, third, etc., respectively of the binaries. If the number thus added is in more than one digit, it is to be read as an integer and not as a decimal.

E230 If a book deals with an acid or acidic oxide of an element, its Substance Number is to consist of the digit '3' followed by the Full Element Number of the constituent element, *i.e.*, the element whose acid or acidic oxide forms the primary subject-matter of the book.

E2301 Neutral oxides are to be treated as acidic oxides in constructing their Substance Number.

E231 If there be more than one acid or acidic oxide with a given Full Element Number, they are to be dealt with in a manner analogous to that given in Rule E2203.

E240 If a book deals primarily with a salt, its Substance Number is to consist of the digit '4' followed by the Full Element Number of the constituent basic element and then by that of the constituent acidic element.

E241 If there be more than one salt with the same two Full Element Numbers, they are to be dealt with in a manner analogous to that given in Rule E2203.

E242 In the case of a double salt the Substance Number is to consist of the digit '4' followed by the Full Element Number of the first basic element and then that of the second basic element and then that of the acidic element.

E2421 If there be more than one double salt with the same Full Element Numbers, they are to be dealt with in a manner analogous to that given in Rule E2203.

E28 Division '8' may be subdivided on the basis of the number of carbon atoms displaced and the elements displacing them.

E291 The Substance Divisions given in Schedule E of Part II may be augmented by the Subject Device.

E292 In the case of analytical chemistry, the Substance Number may be amplified by the Bias Number Device, using for the Bias Number, the number of the substance whose presence in the original Substance is being investigated by analysis.

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E30 In the case of the Substance Divisions 5, 6, 7 and 8 and their subdivisions, a third train of characteristic may be used as the basis of their further classification, namely, Combination or 'C'.

E301 The number corresponding to this train of characteristic may be termed the Combination Number.

E302 The symbols and the appropriate divisions based on this train of characteristic are given in Schedule E of Part II.

E38 The Combination Number '8' may be amplified by the Full Element Number of the constituent element or elements, as the case may be.

F TECHNOLOGY

F0 Two trains of characteristics are to be used for the subdivision of Technology, *viz.*, Substance or 'S' and Problem and Process or 'P'.

The term Technology is taken to include metallurgy as well as chemical technology.

F01 The two trains of characteristics forming the basis of classification of Technology are to be taken in the order 'S', 'P'.

F02 The Number corresponding to these trains of characteristics may be termed the Substance Number and the Problem Number or the Process Number, as the case may be, respectively.

F1 The Substance Number is to be constructed as for the Subject Division 'E Chemistry'. The additional divisions required are given in Schedule F of Part II.

F11 If there be more than one industrial form for any substance, the different forms are to be indicated by the Favoured Category Device.

Here are some examples worked out for the substance Iron:—

82 Iron	823 Steel
821 Cast iron or Pig iron	824 Steel alloys
822 Wrought iron	

F2 The divisions on the basis of the Process characteristic will depend upon the substance. As far as possible, the Chronological Device is to be used in constructing the Process Number. The Chronological Number is to be worked out to three digits and the year of the discovery of the process is to be used as the epoch. The Chronological Number constructed by this Rule may be termed the Process Number.

F21 Each Process Number may have to be further subdivided according to the nature of its technique.

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No attempt has been made in this edition to give illustrative schedules of the processes for the techniques of different substances and their subdivisions.

F22 In the case of a book not dealing with a particular substance or with a particular process corresponding to the substance represented by the Substance Number but giving an account of some aspects of the problems of Technology in general, the second digit in the subdivisions of the Problem Division '8 Manipulation' of the Main Class 'E Chemistry' may be used to represent the corresponding aspects of the problem and this digit may take the place of the Process Number.

Since the Problem Numbers will begin with Arabic numerals and the Process Numbers will begin with capital letters, there will be no ambiguity whatever in arranging them.

G Natural Science (General) and Biology

G0 Three trains of characteristics are to be used for the subdivision of Natural Science (General) and Biology, *viz.*, Organ or 'O', Problem or 'P' and a third. The third characteristic will be different for the different classes based on the train of 'P' characteristic.

G01 The three trains of characteristics forming the basis of classification of Natural Science (General) and Biology are to be taken in the order 'O', 'P' and the third characteristic.

G02 The number corresponding to the first two trains of characteristics may be termed the Organ Number and the Problem Number.

The name of the Number corresponding to the third train of characteristics will be given in appropriate places.

G03 The symbols and the appropriate divisions on the basis of each of the trains of characteristics are given in Schedule G of Part II.

G1 A general account of life as a biological phenomenon is to be given the Organ Number '1'.

G233 The third train of characteristics to be used when the Problem Division is '33 Metabolism' or 341 or 345 or 346 or any of their subdivisions is Substance or 'S'. The number corresponding to it may be termed Substance Number and it is to be constructed as in 'E Chemistry' and 'F Technology'.

G25 The third train of characteristics to be used when the Problem Division is '5 Ecology' or any of its subdivisions is Geographical or 'G'. It may be termed Geographical Number and it is to be constructed as in the Geographical Schedule of Part II.

G259 The need for Auto-Bias Device will arise in fixing the Geographical Number for ecological books. If so the physiographic class concerned is to be used as the Basic Class and the continent, country, etc., as the case may be, as the Bias Class.

H GEOLOGY

H The chief divisions of Geology and their subdivisions are given in Schedule H of Part II.

Geology is one of the few subjects in which the rules for subdivision cannot be begun with the enumeration of some characteristics to be used as the basis of their classification. On the other hand we have to divide Geology, in the first instance, on canonical lines. Some of these canonical divisions admit of further subdivision on the basis of certain characteristics.

H1 Mineralogy

H10 Two trains of characteristics are to be used for the subdivision of Mineralogy, viz., Substance or 'S' and Problem or 'P'.

H101 The two trains of characteristics forming the basis of classification of Mineralogy are to be taken in the order 'S', 'P'.

H102 The Numbers corresponding to these trains of characteristics may be termed the 'Substance Number' and the 'Problem Number' respectively.

H103 The symbols and the appropriate divisions on the basis of each of these trains of characteristics are given in Schedule H of Part II.

H11 The Substance Number is to be worked out as the Substance Number in the Subject Division 'E Chemistry', except that amplification by the Valency Number may not be necessary.

H111 If there be more than one mineral with the same chemical composition but differentiated from one another either isomerically or by the presence of impurities, they are to be dealt with by the Favoured Category Device.

"DANA (Edward Salisbury) *A system of mineralogy*" will be of help in constructing the Substance Number in Mineralogy.

H119 The Substance Division '9 Precious Stones' has been specially formed since precious stones form an important class of substance in

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Geology. If they be given the Substance Number according to the Rule H11, the books on the different precious stones will be scattered. Hence it is suggested that all books on precious stones may be brought under the class H19 and its subdivisions.

H2 Petrology

H20 Two trains of characteristics are to be used for the subdivision of Petrology, *viz.*, Substance or 'S' and Problem or 'P'.

H201 The two trains of characteristics forming the basis of classification of Petrology are to be taken in the order 'S', 'P'.

H202 The Numbers corresponding to these trains of characteristics may be termed the 'Substance Number' and the 'Problem Number' respectively.

H203 The symbols and the appropriate divisions on the basis of each of these trains of characteristics are given in Schedule H of Part II.

H22 As has been stated in the Schedule, the divisions of 'H2 Petrology' based on the train of Problem characteristics are the same as those for 'H1 Mineralogy'.

H6 Palaeontology

H6 The canonical class 'Palaeontology' is to be used only for Palaeo-zoology. Books on Palaeo-botany are accommodated in the Main Class 'I Botany'. The Palaeontology Number 'H6' is to be amplified by the 'Animal Number' of Zoology.

H68u In the case of descriptive Palaeontology and Palaeontological surveys, whenever warranted the amplifying Chronological Number is to be the number for the appropriate stratigraphical age, given as subdivisions of 'H5 Stratigraphy' and not one taken from the Chronological Schedule.

H7 Economic Geology

H7 The class 'H7 Economic Geology' is to accommodate books on ore deposits, underground water, and non-metallic and organic deposits. It may be stated that an ore is defined as "the natural mineral containing a precious or useful metal in such quantities and such chemical composition as to make its extraction profitable". Thus the denotation of the term 'ore deposit' is likely to vary from time to time. However, from the point of view of the user, on account of the great economic importance of ore deposits, it is recommended that they may be grouped together in the division 'H7'.

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H70 Two trains of characteristics are to be used for the subdivision of Economic Geology, *viz.*, Substance or 'S' and Problem or 'P'.

H701 The two trains of characteristics forming the basis of classification of Economic Geology are to be taken in the order 'S', 'P'.

H702 The Numbers corresponding to these trains of characteristics may be termed the 'Substance Number' and the 'Problem Number' respectively.

H71 The 'Substance Number' is to be worked out as the 'Substance Number' in the Subject Division 'E Chemistry', except that amplification by Valency Number may not be necessary.

H711 If there be more than one mineral with the same chemical composition but differentiated from one another either isomerically or by the presence of impurities, they are to be dealt with by the Favoured Category Device.

The substance which forms the essential constituent of the ore, *i.e.*, the substance whose presence makes the ore economically valuable is to be used in constructing the 'Substance Number'.

H72 The classes of 'H7 Economic Geology' based on the train of Problem characteristic are the same as those for 'H1 Mineralogy'.

H8 Cosmic Hypotheses

H8 Specific hypotheses are to be individualised by the Chronological Device. The Chronological Number is to be worked out to three digits, the date of the first publication of an authentic exposition of the hypothesis being used as the epoch.

I BOTANY

I0 Three trains of characteristics are to be used for the subdivision of Botany, *viz.*, Natural group of Plants or 'N', Problem or 'P' and Organ or 'O'.

I01 The three trains of characteristics forming the basis of classification of Botany, shall be taken in the order 'N', 'P', 'O'.

I02 The Number corresponding to these trains of characteristics may be termed the Plant Number, the Problem Number and the Organ Number respectively.

I03 The symbols and the appropriate divisions on the basis of each of these characteristics are given in Schedule I of Part II.

I1 It will be noticed that the Divisions '2 Thallophyta,' '3 Bryophyta,' and '4 Pteridophyta' based on the N characteristic are subdivisions of Division '1 Cryptogamia.' Similarly, the Division '6 Gymnosperms,' '7 Monocotyledons,' and '8 Dicotyledons' are only subdivisions of Class '5 Phanerogamia.'

121 In case the Problem Number used is '12' or '18', the third train of characteristics to be used will be the Geographical and not the Organ. The geographical area which forms the subject-matter of the book is to be used to construct the Geographical Number.

I25 In case the Problem Division used is '5 Ecology' or any of its subdivisions, the Geographical characteristic may have to be used as the third train of characteristics as in Rules G25 and G259. The Organ may be used as the fourth train of characteristics.

I28u In the case of descriptive palæobotany and palæobotanical surveys, the Chronological Number is to be constructed as in Rule H68u.

J AGRICULTURE

J0 Four trains of characteristics are to be used for the subdivision of Agriculture, *viz.*, Utility or 'U', Part or 'P', Crop or 'C', Farming or 'F'.

J01 The four trains of characteristics forming the basis of classification of Agriculture are to be taken in the order 'U', 'P', 'C', 'F'.

J02 The Number corresponding to these trains of characteristics may be termed the Utility Number, the Part Number, the Crop Number and the Farming Number, respectively.

J03 The symbols and the appropriate divisions on the basis of each of these trains of characteristics are given in Schedule J of Part II.

J04 A colon need not be put after the Utility Number and the Part Number.

Utility Numbers and Part Numbers will always consist of a single digit. Hence no ambiguity is likely to arise by not inserting the colons.

J1 The utility Number is devised so as to give a favoured treatment to certain crops. It is true that a crop may be utilised for several purposes. But it is the primary purpose that should decide the Utility Number of a given crop. To take an example, in the case of paddy, the rice is used as human food. The straw is used as animal food and as roofing material. Perhaps, it may also be used for some textile purposes. But it will be easily conceded that the primary use of paddy is as human food.

J2 If more than one part of a substance are likely to be put to the primary use made of it, that part which is more commonly used is to be used to construct the Part Number.

J3 The Crop Number is to be constructed, in the first instance, by the Favoured Category Device.

J31 For the crops that are not covered by the Favoured Category Device, the Crop Number is to be constructed by the Alphabetic Device.

J32 For convenience the number made up of the Utility Number, the Part Number and the Crop Number may be termed the Full Crop Number.

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An illustrative list of Full Crop Numbers is given in Schedule J of Part II for ready reference.

J40 In the case of most of the Farming Divisions two trains of characteristics are used for further subdivision.

J401 The symbols and the appropriate divisions based on each of these trains of characteristics are given under the respective Farming Class in Schedule J of Part II.

J402 The number corresponding to the first train of characteristics is to be placed immediately after the Farming Digit without a colon intervening.

J403 A colon is to separate the numbers corresponding to the two characteristics.

J41 The two trains of characteristics forming the basis of classification of the Farming Division '1 Soil' are Nature or 'N' and Operation or 'O'. The two trains of characteristics are to be taken in the order 'N', 'O'. The Number corresponding to these trains of characteristics may be termed the Nature Number and the Operation Number respectively.

J42 The two trains of characteristics forming the basis of classification of the Farming Division '2 Manure' are Substance or 'S' and Operation or 'O'. The two trains of characteristics are to be taken in the order 'S', 'O'. The Number corresponding to these trains of characteristics may be termed the Substance Number and the Operation Number respectively.

J43 The two trains of characteristics forming the basis of classification of the Farming Division '3 Propagation Methods' are Substance or 'S' and Operation or 'O'. The two trains of characteristics are to be taken in the order 'S', 'O'. The Number corresponding to these trains of characteristics may be termed the Substance Number and the Operation Number respectively.

J44 The two trains of characteristics forming the basis of classification of the Farming Division '4 Control of diseases and injuries' are Diseases or 'D' and Operation or 'O'. The two trains of characteristics are to be taken in the order 'D', 'O'. The Number corresponding to these trains of characteristics may be termed the Disease Number and the Operation Number respectively.

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J45 In the case of the Farming Division '5 Crop Development' only one train of characteristics is used as the basis of classification.

J47 The two trains of characteristics forming the basis of classification of the Farming Division '7 Harvesting' are Material or 'M' and Operation or 'O'. The two trains of characteristics are to be taken in the order 'M', 'O'. The Number corresponding to these trains of characteristics may be termed the Material Number and the Operation Number respectively.

J471 The Material Number is ordinarily the number of the Part of the plant which is the dominant part in the Material. If two or more materials call for the same part number, the most widely used material is to have the bare part number and for the 2nd, 3rd, etc., materials the part number is to be amplified by the addition of the digits 1, 2, etc., respectively. If the amplifying number is in two or more digits, it is to be read as an integer and not as a decimal.

JA The Division JA is to represent Forestry.

JA0 The trains of characteristics to be used for JA Forestry are the same as those for the Main Subject J Agriculture with the exception that in the place of the first three trains of characteristics a single train of characteristic, *viz.* Tree or T is to be used. Thus, the Full Crop Number will be replaced by the Tree Number.

JA1 The Tree Number is to be got by the Alphabetic Device, using the commonly accepted English name of the tree.

JA10 Some Illustrative Tree Numbers are given in Schedule J of Part II.

K ZOOLOGY

K0 Three trains of characteristics are to be used for the subdivision of Zoology, *viz.*, Natural group of Animals or 'N', Problem or 'P' and Organ or 'O'.

K01 The three trains of characteristics, forming the basis of classification of Zoology, are to be taken in the order 'N', 'P', 'O'.

K02 The Number corresponding to these trains of characteristics may be termed the Animal Number, the Problem Number and the Organ Number respectively.

K03 The symbols and the appropriate divisions on the basis of each of these trains of characteristics are given in Schedule K of Part II.

K1 It will be noticed that the Divisions '2' to '8' based on the train of 'N' characteristic are subdivisions of the Division '1 Invertebrates.'

K12 In Schedule K of Part II the divisions based on the train of 'N' characteristics are worked out only up to the sub-order stage. This subdivision may be carried still further up to the Family Stage, whenever necessary in an analogous manner. The tables given at the beginning of the volumes of *Cambridge natural history* may be used in constructing the Family Numbers.

K21 In case the Problem Number used is '12' or '18', the third train of characteristics to be used will be the Geographical and not the Organ. The geographical area which forms the subject-matter of the book is to be used to construct the Geographical Number.

K25 In case the Problem Division used is '5 Ecology' or any of its subdivisions, the Geographical characteristic may have to be used as the third train of characteristic, as in Rules G25 and G259. The Organ may be used as the basis of the fourth train of characteristic.

L MEDICINE

L0 Three trains of characteristics are to be used for the subdivision of Medicine, *viz.*, Organ or 'O', Problem or 'P' and a third. The third train of characteristic will be different for the different classes based on the train of 'P' characteristic.

L01 The three trains of characteristics forming the basis of classification of Medicine are to be taken in the order 'O', 'P' and the third characteristic.

L02 The Numbers corresponding to the first two trains of characteristics may be termed the Organ Number and the Problem Number.

The name of the Number corresponding to the third characteristic will be given later in appropriate places.

L03 The symbols and the appropriate divisions on the basis of each of the trains of the characteristics are given in Schedule L of Part II.

L111 If a book deals with the special properties of the Cells or Tissues of a particular organ, the Number for 'Cells' or 'Tissues', as the case may be, may be amplified by the Auto-bias Device, the appropriate Organ Number being used as the Bias Number.

L113 The third to the eighth subdivisions of the Organ Number '1' are devoted to the regional divisions of the human body, whereas the Organ Numbers '2' to '8' are devoted to the functional divisions.

L1131 The parts of the functional organs within a regional organ may be indicated by amplifying the Regional Organ Number by the Auto-bias Device, the appropriate Functional Organ Number being used as the Bias Number.

For example, the bones of the thorax will have the Number L15—81. The arteries of the arm will have the number L16—337. Again the pigment of the face will have the number L181—875.

L12 In the case of the Organ Numbers '2' to '8', the Schedule gives certain subdivisions. Wherever further subdivision is required, the following convention may be adopted:—

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The first division may represent the walls or the coats. It may be further subdivided layer by layer, commencing from the outermost layer and ending with the innermost layer. The second subdivision may be used for the parts. The third subdivision may be used for the supports. The fifth subdivision may be used for the characteristic contents. The sixth subdivision may be used for the glands. The various glands may be indicated by 61, 62, 63, etc. The Gland Number amplified by the digit '5' may be taken to represent the secretion of the gland. If, however, the secretion studied is not of a single gland but of glands in general, its number is to be 605. The seventh subdivision may be used for the ducts leading from the organ. The eighth subdivision may be used for the orifices and the valves.

L13 In Schedule L of Part II, some of the subdivisions of the Organ Numbers '3', '6', '7' and '8' are followed by the remark '*to be divided locally*'. In such cases, the concerned Functional Organ Number is to be amplified by the Auto-bias Device, the Number of the organ served or forming the region of location of the functional organ in question being used as the Bias Number.

L23 The class obtained by applying the Problem Division '3 Physiology' to the Organ Division '55 Female genital organs' is of importance and has a vast literature. The class goes by the name of 'Obstetrics.' Hence special subdivisions of the Problem Number '3' have been given in Schedule L of Part II to be used in Obstetrics. It may also be remarked that the class obtained by applying the Problem Division '4 Diseases' to the Organ Division '55 Female organs' has the special name 'Gynæcology.'

L24 An illustrative list of specific diseases with their class numbers is given at the end of the subdivisions of the Problem Division '4 Diseases'. It can be seen from the list that the Class Number of any disease has, for its organ part, the Number of the organ which is the seat of primary affection or the focus of infection. The Class Numbers for other diseases are to be constructed along similar lines.

L241 "STEADMAN (Thomas Lathrop): *Practical medical dictionary*" and "OSLER (William): *System of medicine*" will be of use in constructing the class numbers for diseases.

L28 When the Problem Division is '8 Physical Fitness', (1) the first train of characteristics may be left unused, (2) the profession or occupation of the person examined may be taken as the third train of characteristics and numbered by the Subject Device and (3) the Organ examined may be taken as the fourth train of characteristics.

L340 The third train of characteristics to be used, when the Problem Class is '4 Diseases' or any of its subdivisions may be termed Handling or 'H'.

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L3402 The Number corresponding to the train of 'H' characteristics may be termed the Handling Number.

L3403 The symbols and the appropriate divisions on the basis of the train of Handling characteristics are given in Schedule L of Part II.

It can be seen that the subdivisions of '62 Physiotherapy' are analogous to the subdivisions of the Main Class 'C Physics'. Similarly, '63 Pharmacotherapy' may be subdivided on the analogy of the divisions of the Main Class 'E Chemistry' based on the Substance characteristic.

L3522 The third train of characteristics to be used when the Problem Division is '522 State Control of Animals' is Animal or 'A'. The number corresponding to it may be termed Animal Number and it is to be constructed as in 'MK Veterinary Science'.

L3523 The third train of characteristics to be used when the Problem Division is '523 State Control of Food', '524 State Control of Poisons', '526 State Control of Medicine', and '573 Food' and its subdivisions is Substance or 'S'. The number corresponding to it may be termed Substance Number and it is to be constructed as in 'E Chemistry and 'F Technology'.

L3577 The third train of characteristics to be used when the Problem Division is '577 Clothing' is Material or 'M'. The number corresponding to it may be termed Material Number and it is to be constructed as in 'M7 Textiles'.

L36 The third train of characteristics to be used when the Problem Division is '6 Pharmacognosy' or any of its subdivisions is Substance or 'S'. The number corresponding to it may be termed Substance Number and it is to be constructed as in 'E Chemistry' and 'F Technology'.

L9 The number 'L9' is set apart for books that deal with special groups of persons, as can be seen from the subdivisions of 'L9' given in Schedule L of Part II. To make this possible, the number of divisions based on the train of Organ characteristic has been restricted to eight. As a result of this adjustment, all the books dealing with Medicine in general will have precedence over the books that specialise in special groups such as 'Children', 'Old people', and 'Inhabitants of tropics'.

L99 If a book relates to a special school of Medicine, the Subject Digit 'L' is to be amplified by the Chronological

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Device, before the Divisions based on the trains of 'O', 'P' and the third characteristic, if any, are applied to it. The Chronological Number is to be worked out to one digit only, the century of origin of the School being used as the epoch.

In Schedule L of Part II, 'LA' has been set apart for the Ayurvedic system, 'LB' for the Siddha system, and 'LC' for the Unani system—the three ancient systems current in India. The actual date of origin of these systems is not known. Hence, they have been taken arbitrarily in the order given. Any other systems that may be current elsewhere may also be fixed by the Chronological Device.

L998 An illustrative list of Classical works belonging to the Ayurvedic system is given at the end of Schedule L of Part II, with their Class Numbers worked out by the Classic Device.

M USEFUL ARTS

M0 The Main Class 'M Useful Arts' is a miscellaneous class. Indeed it may be called a hold-all division. It is intended to accommodate all the arts and crafts, in fact, all the sciences and their applications which are not provided for in the Main Classes 'B' to 'L'.

M01 From these remarks it will be obvious that the division of 'M' can only be canonical. The first nine of its divisions have been obtained by the Favoured Category Device. All the other divisions are to be obtained by the Subject Device. It must be stated, however, that the Subject Numbers used in the Subject Device are slightly modified in certain cases. The modification is introduced to minimise the number of digits, care being taken that no ambiguity is likely to arise by such modifications. Several illustrative divisions by the Subject Device are given in Schedule 'M' of Part II. Further divisions may be formed along similar lines.

M02 Each of these divisions will admit of subdivision on the basis of one or more definite trains of characteristics. By way of illustration the rules and schedules for 'M7 Textiles' and 'MK Veterinary Science' are given. In the case of the other subjects, similar rules and schedules are to be constructed. The number of subjects is infinite. Further, it is only in recent years that any appreciable literature has begun to grow in these subjects.

M7 Textiles

M70 Two trains of characteristics are to be used for the subdivision of Textiles, *viz.*, Material or 'M' and Problem or 'P'.

M701 The two trains of characteristics forming the basis of classification of Textiles are to be taken in the order 'M', 'P'.

M702 The Numbers corresponding to these trains of characteristics may be termed the Material Number and the Problem Number respectively.

M703 The symbols and the appropriate divisions on the basis of each of these trains of characteristics are given in Schedule M of Part II.

MK Veterinary Science

The rules for the division of 'MK Veterinary Science' are similar to those for 'J Agriculture'. A few essential rules are given here. The others are to be adapted from the rules in Chapter J Agriculture.

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MK0 Four trains of characteristics are to be used for the subdivision of Veterinary Science, *viz.*, Utility or 'U', Part or 'P', Animal or 'A' and Veterinary or 'V'.

MK01 The four trains of characteristics forming the basis of classification of Veterinary Science are to be taken in the order 'U', 'P', 'A', 'V'.

MK02 The Number corresponding to these trains of characteristics may be termed the Utility Number, the Part Number, the Animal Number and the Veterinary Number respectively.

MK03 The symbols and the appropriate divisions on the basis of each of these trains of characteristics are given in Schedule M of Part II.

MK1 When the same animal (*e.g.* sheep) is shown in two or more utility divisions, a library may choose the division that is warranted by its collection and ignore the others.

MK40 In the case of most of the Veterinary classes, two trains of characteristics are to be used for further subdivision.

MK401 The symbols and the appropriate divisions based on each of these trains of characteristics are given under the respective Veterinary Divisions in Schedule M of Part II.

MK402 The number corresponding to the first train of characteristics is to be placed immediately after the Veterinary Digit without a colon intervening.

MK403 A colon is to separate the numbers corresponding to the two trains of characteristics.

MK41 The two trains of characteristics forming the basis of classification of the Veterinary Class '1 Feeding' are Substance or 'S' and Operation or 'O'. The two trains of characteristics are to be taken in the order 'S', 'O'. The Number corresponding to these trains of characteristics may be termed the Substance Number and Operation Number respectively.

MK42 In the case of the Veterinary Divisions, '2 Morphology' and '3 Physiology' only one train of characteristics *viz.* Organ or 'O' is to be used.

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MK421 The classes based on the train of Organ characteristics are the same as in the Main Class 'L Medicine'.

MK423 In the case of Obstetrics, a further train of characteristics, *viz.*, Secondary Problem or P is to be used. The divisions based on this train are the same as in the Main Class L Medicine with the exception that the initial digit '3' of their numbers is to be omitted.

MK44 The three trains of characteristics forming the basis of classification of the Veterinary Division '4 Diseases' are Organ or 'O', Disease or 'D' and Handling or 'H'. The three trains of characteristics are to be taken in the order 'O', 'D', 'H'. The Number corresponding to these trains of characteristics may be termed the Organ Number, Disease Number and Handling Number respectively.

MK441 The divisions based on these three trains of characteristics are the same as in the Main Class 'L Medicine', with the exception that the initial digit '4' of the Disease Numbers is to be omitted.

MK45 The trains of characteristics forming the basis of Veterinary Divisions '5 Hygiene' and '6 Pharmacognosy' are the same as those for the corresponding Problem Divisions of the Main Class 'L Medicine'.

MK47 The trains of characteristics forming the basis of classification of the Veterinary Division '7 Materials' are the same as those for the Farming Division '7 Materials' of the Main Class 'J Agriculture'. The classes based on these trains are also similar.

△ SPIRITUAL EXPERIENCE AND MYSTICISM

As the Main Class '△ Spiritual Experience and Mysticism' occurs here for the first time in any printed scheme of classification, its connotation may first be indicated.

It is possible for any class of knowledge to be presented from an occult or mystical point of view.

To call such an exposition 'irrational' may violate the Canon of Reticence, for the terms 'rational' and 'irrational' refer to the plane of intellection whereas mystic, occult and spiritual experiences do not belong to the sphere of intellectual apprehension at all but are said to involve some kind of direct (trans-intellectual) insight.

Little, no doubt, is generally known about the nature or modes of such mystical apprehension; and its validity and even existence are often questioned. But it is not for the classifier to take sides in a controversy. He is simply concerned to separate literature based on sense-experience and intellection from that presuming or using trans-intellectual apprehension. In India such a distinction is traditionally recognised. Exposition based on intellection is called *kartrītantra* (experimental, analytical study of things in their phenomenal modes); and *vastutantra* (global, holistic study of thing-in-itself) is exposition based on illumination.

The Main Class Δ* is to hold the latter. All ordinary (non-mystical) expositions are accommodated in the Main Classes A to Z. A mystical, occult or spiritual exposition of any subject—say E Chemistry—is referred to the Main Class Δ—and individualised as ΔE. In other words, Δ is to be amplified by the Subject Device to accommodate mystical exposition of specific subjects.

Examples:

Friend's *Monograph on the chemistry of gold* belongs to the Class E1:118.

But Kolisko's *Gold and the sun* is to be classed as ΔE1:118.

Jones's *Problems of civilisation* (American social science series) treats of civilisation on the ordinary intellectual basis and belongs to the Class Y1:1.

* Since the Arabic numerals and the Roman alphabet had already been exhausted a new symbol had to be found for this new Main Class.

The Δ of age-long mystical significance naturally suggested itself. Its standing outside the formal series of the other symbols fittingly represents the irresolvable nature of all it stands for.

△ SPIRITUAL EXPERIENCE AND MYSTICISM

But Ernest Wood's *Seven rays* which expounds the same subject from an occult point of view belongs to the Class $\Delta Y1:1$.

The creation of the Main Class Δ thus implies the division of the whole library into two parallel sequences to which, however, N Fine Arts, O Literature and Q Religion are common. This overlapping corresponds with facts; for fine arts, literature and religion represent the cross-roads or point of fusion between direct (mystical) and mediated (sensory, intellectual) modes of experience and expression. It is by no means easy to separate the books of these overlapping classes into Δ and non- Δ without infringement of the Canon of Consistency. We shall therefore adopt the following convention.

1. No book that has a claim to be classed as N or O or Q should ever be classed as Δ ; and hence

2. Numbers like ΔN , ΔO , ΔQ are inadmissible.

Rule 024 has defined the ordinal value of Δ as lying between those of M and N. Thus Δ stands between the thirteen sciences and their applications (A to M) on the one hand and the thirteen humanities (N to Z) on the other.

The words used by General Smuts to define the position of a new discipline which he calls Personalogy will with a slight modification apply with equal force to the position assigned to the Main Class Δ :

Its province falls within a large debatable territory between science and philosophy, between theory and practice, which has been very little explored and is still *terra incognita* to all intents and purposes. Its difficulties are immense; from that wide and wild No Man's Land between sciences and humanities it rises like some forbidding mountain peak into the heavens; and no daring spirit except the Mystics, the Seers and Rishis has yet ventured to approach it, let alone to scale its dizzy heights. But beyond a doubt it is going to occupy a foremost place in the attention of even the ordinary inquirers in future. And the time may come when the Main Class Δ may be the very keystone of the arch, and serve to complete the full growing circle of organised human knowledge. It will then synthesise all sciences and humanities and become the basis of a truer spiritual outlook than we can possibly have in the ignorance and confusions of our present state of knowledge.

That time is not yet; but it may be ventured to hope that the assignment of a proper place to the Main Class Δ in the map of knowledge such as has been attempted here will help to direct attention to what is undoubtedly one of the greatest and most potential fields for cultivation.

$\Delta 0$ Three trains of characteristics are to be used for the subdivision of Spiritual Experience and Mysticism, *viz.*, Religion or 'R', Problem or 'P' and Entity or 'E'.

△ SPIRITUAL EXPERIENCE AND MYSTICISM

△01 The three trains of characteristics forming the basis of classification of Spiritual Experience and Mysticism are to be taken in the order 'R', 'P', 'E'.

△02 The number corresponding to these trains of characteristics may be termed the Religion Number, the Problem Number and the Entity Number respectively.

△03 The symbols and the appropriate classes on the basis of each of these trains of characteristics are given in Schedule △ of Part II.

△1 It may be observed that the classes based on the train of 'R' or Religion characteristics are mnemonic with those of the Main Class 'Q Religion' based on the train of 'R' or Religion characteristics.

While religious distinctions cease to exist after illumination, religious traditions are believed to be a source of stimulus up to illumination. Hence the prescription of the train of Religion characteristics. Perhaps readers also would prefer the resulting grouping of mystic literature on a religious basis.

△2 Most of the classes grouped under the label 'S8 Metapsychology' in the first edition of this book following the prevailing tradition are now placed in the Problem Class '8 Occultism', of △ along with other occult practices like Astrology and Palmistry.

△3 The classes enumerated in the train of 'E' or Entity characteristics are those that figure most in books on mysticism and occultism. As an illustration of the formation of the number for a class which is fairly rich in literature, mention may be made of "△:8:16 Psychological research and spiritualism".

△8 Lives of mystics and realised persons are to be amplified by y7 and not w. (*Vide* Rule 2w2.).

△9 △ is to be amplified by the Subject Device to accommodate mystical or occult expositions of specific subjects except Fine Arts, Literature and Religion.

Vide introduction to this chapter for explanation and examples.

N FINE ARTS

N0 As the Main Class 'M Useful Arts', the Main Class 'N Fine Arts' also is a big class though not as big as 'M'. It is also first divided on canonical lines. Each of the canonical divisions will admit of subdivision on the basis of one or more definite trains of characteristics.

N01 In the case of most of the canonical divisions, the first train of characteristics to be used is Style or 'S'.

N02 The Number corresponding to this train of characteristics may be termed the Style Number.

N03 The Style Number is to consist of two parts—the Geographical Number and the Chronological Number.

N031 The country or the geographical area where the style was originated is to be used to construct the Geographical Number.

N032 A colon is to be put after the Geographical Number.

N0320 The Chronological Number is to be worked out to one digit only, the approximate century in which the style was originated being used as the epoch.

N0321 A colon need not be put after the Chronological digit.

The *Encyclopaedia Britannica* or any good book on the history of Fine Arts concerned will be of help in constructing the Style Number. In the case of non-descript styles, which are not at all localised, naturally there will be no Style Number and a colon is to be put after the number representing the canonical division. In the case of non-descript styles peculiar to a definite country or geographical area, the Style Number will consist only of the Geographical Number but will not contain the Century digit. In that case the colon after the Geographical Number is however to be retained.

It may be remarked here that as a result of this arrangement and of the fact that the first digit of the number based on the second characteristic is invariably an Arabic numeral, in the case of each Fine Art, the general non-descript styles will come first. In the case of localised styles, with any given Geographical Number, the non-descript styles will come first and the specific styles originated in different periods and times will come in the proper chronological order.

FINE ARTS

The divisions on the basis of the further trains of characteristics have been worked out only in the case of certain canonical divisions. They are to be worked out on similar lines in the case of the others.

N04 It has been stated already that non-descript non-localised styles need not be given the Geographical Number. Advantage is taken of this, to utilise the digit '1', which would otherwise represent 'World', for the 'Technique' of the Fine Art. Thus 'N11' will represent the Technique of architecture; 'N21' the Technique of sculpture; 'N51' the Technique of painting; and so on.

N08 x The Common Subdivision Digit x is to hold illustrations of the Fine Arts concerned.

N08 x 1 The digit x is to be amplified in the usual way (*Vide* Rule 2 x of Chapter 2 of this Part).

N1 Architecture

N10 Three trains of characteristics are to be used for the subdivision of Architecture, *viz.*, Style or 'S', Utility or 'U' and Part or 'P'.

N101 The three trains of characteristics forming the basis of classification of Architecture are to be taken in the order 'S', 'U', 'P'.

N102 The Numbers corresponding to these trains of characteristics may be termed the Style Number, the Utility Number and the Part Number respectively.

N103 The symbols and the appropriate divisions on the basis of the two latter trains of characteristics are given in Schedule N of Part II.

N11 Some Style Numbers are also given as illustrations.

N12 The Utility Numbers are first worked out by the Favoured Category Device and the digit '9' is used for other buildings, that is, for those not represented by the Favoured Category Device. This digit is to be divided by the Subject Device.

The number got by the Favoured Category Device represents special classes of buildings and it may be further subdivided in a suitable manner. Such further subdivision has been illustrated in Schedule N of Part II, in the case of the numbers '2', '3' and '4'. The divisions of the number '9' by the Subject Device makes the Schedule of Utility Numbers highly hospitable. Some examples may be given here:—902 Paying laboratories; 9F182 Steel factories; 9L014 Hospitals; 9M14 Printing press; 9M7 Textile factories; 9N5 Music halls; 9Q2 Hindu

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temples; 9Q6 Churches; 9Q7 Mosques; 9T Educational buildings; 9T4 University buildings; 9W023 Parliamentary buildings; 9W026 Municipal offices.

N2 Sculpture

N20 Three trains of characteristics are to be used for the subdivision of Sculpture, *viz.*, Style or 'S', Material or 'M' and Figure or 'F'.

N201 The three trains of characteristics forming the basis of classification of Sculpture are to be taken in the order S', 'M', 'F'.

N202 The Numbers corresponding to these trains of characteristics may be termed the Style Number, the Material Number and the Figure Number respectively.

N203 The symbols and the appropriate divisions on the basis of each of the two latter trains of characteristics are given in Schedule N of Part II.

N3 Engraving

The Schedule gives only the canonical divisions of 'Engraving'. Each of these divisions may be subdivided on the basis of one or more definite characteristics.

N5 Painting

N50 Three trains of characteristics are to be used for the subdivision of Painting, *viz.*, Style or 'S', Material of Surface or 'M' and Figure or 'F'.

N501 The three trains of characteristics forming the basis of classification of Painting are to be taken in the order 'S', 'M', 'F'.

N502 The Numbers corresponding to these trains of characteristics may be termed the Style Number, the Material of Surface Number and the Figure Number respectively.

N503 The symbols and the appropriate divisions on the basis of each of the two latter trains of characteristics are given in Schedule N of Part II.

N8 Music

N80 Three trains of characteristics are to be used for the subdivision of Music, *viz.*, Style or 'S', Instrument or 'I' and Music or 'M'.

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N801 The three trains of characteristics forming the basis of classification of Music are to be taken in the order 'S', 'I', 'M'.

N802 The Numbers corresponding to these trains of characteristics may be termed the Style Number, the Instrument Number and the Music Number respectively.

N803 The symbols and the appropriate divisions on the basis of each of the two latter trains of characteristics are given in Schedule N of Part II.

P LINGUISTICS

P0 Four trains of characteristics are to be used for the subdivision of Linguistics, *viz.*, Language or 'L', Stage or 'S', Problem or 'P' and Element or 'E'.

P01 The four trains of characteristics forming the basis of classification of Linguistics are to be taken in the order 'L', 'S', 'P' 'E'.

P02 The Number corresponding to these trains of characteristics may be termed the Language Number, the Stage Number, the Problem Number and the Element Number respectively.

P03 The symbols and the appropriate divisions of the Language Number are given in Schedule 4 of Part II. The symbols and divisions based on each of the other trains of characteristics are given in Schedule P of Part II.

P10 If a book treats of a variant of the language such as a dialect or a slang or a jargon, the Language Number is to be amplified by the addition of the appropriate Number taken from the list of Variants given in Schedule P of Part II.

P100 If, however, the variant treated of belongs more appropriately to a specific stage of the language, the number corresponding to the variant may be put after the Stage Number.

P101 If the book treats of a specific dialect peculiar to a definite geographical division, the Dialect Number may be further amplified by the addition of the Geographical Number appropriate to the area in which it is current.

P105 After the Jargon Number, put successively the Geographical Number and Century Number (if necessary) corresponding to the place and period of the jargon.

P20 The Stage of the language which forms the subject-matter of the book is to be indicated by the Chronological Device. The Chronological Number is to be worked out to

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one digit and the century of the commencement of the Stage is to be used as the epoch.

By way of illustration and for convenience of reference, the Stages of some of the languages are given in Schedule P of Part II.

P20A In the case of Vedic Sanskrit books dealing with the grammar of a single Veda, the stage digit 'A' is to be preceded by a number, the first digit representing the Veda and the later digits, the recension concerned. If a book deals with more than one recension of a Veda the second digit or the Recension digit as it may be called is to be zero. The Veda digit and the Recension digit are to be taken from Schedule Q of Part II.

P21 A colon need not be put after the Stage Number.

Since by rule P20 the Stage Number will always consist of a single digit only, no ambiguity is likely to arise by not inserting the colon.

P24 If the Problem Number is '4' or '5' or a subdivision of '5' and if the Element Number is '3', the Element Number and the colon preceding it may be omitted.

This is to economise in notation. Since most of the dictionaries will have the Problem Number '4' and the Element Number '3' and since dictionaries are books that are frequently used, the idea is that the number in such cases should be made as short as possible. Care has also been taken to see that no ambiguity should arise as a result of this special provision.

It may be asked whether an Element Number other than '3' is, likely to follow the Problem Number '4'. The answer is 'yes'. Take for example, a Dictionary of Phrases, or a Dictionary of Idioms, or a Dictionary of Proverbs. In these cases, the Element Number will be '4', '5' and '6' respectively.

P7 A dictionary of Special Terms used in particular sciences or subjects is to be placed in the sciences or the subjects concerned and its number is to be amplified by the Last Octave Principle. That is, a colon is to be put after the number representing the particular science or subject and thereafter P followed by the number of the language concerned is to be added.

P77 In the case of surnames, the dictionary is to be placed in the generalia class 7.

P7U In the case of place-names, the dictionary is to be placed in the Main Class U.

P8 Special Notes on Common Subdivisions

P8. In addition to and in slight modification of the common subdivisions given in Schedule 2 of Part II and explained

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in Section 2 of Part I, the following special common subdivision may be used in subdividing the classes in Linguistics:—

z Comparative study; Historical study; or Genetic study.

P8*k* In the case of ordinary dictionaries giving the meaning of words, phrases, idioms and proverbs, the language part of the Book Number is to represent the language in which the meaning is given or the first of the languages, if the meaning is given in two or more languages.

P8*z* If the main purpose of a book is that of giving not a descriptive account but a comparative account, its class number is to be worked out to the fullest extent, otherwise appropriate, and must then be amplified by the addition of the digit *z*.

P8*z*1 If particularly necessary, the digit *z* may be further amplified by the chronological device, the epoch used being the latest century or decade up to which the study is brought in the book.

This rule will be particularly applicable in the case of books dealing with the paleography of particular epochs.

P9 The Devices

P95 An illustrative Classic Device List is given in Schedule P of Part II for Sanskrit, Tamil, Kanarese and Telugu.

Q RELIGION

Q0 Two trains of characteristics are to be used for the subdivision of Religion, *viz.*, Religion or 'R' and Problem or 'P'.

Q01 The two trains of characteristics forming the basis of classification of Religion are to be taken in the order 'R', 'P'.

Q02 The Numbers corresponding to these trains of characteristics may be termed the Religion Number and the Problem Number respectively.

Q03 The symbols and the appropriate divisions on the basis of each of these trains of characteristics are given in Schedule Q of Part II.

Q101 In any major Religion, the sects that have their own special religious practices and institutions are to be shown as the subdivisions of the major Religion.

For example, the different Vedas and their respective sakhas are shown in Schedule Q of Part II as successive subdivisions of '1 Hinduism (Vedic). So also the different Vaishnavite, Saivite, etc, sects, which have specialised sacred books, rituals and organisations, have been shown as subdivisions of '2 Hinduism (Post-Vedic)'. So also in the case of Jainism, Buddhism, Christianity, Muhammadanism, etc. The sects are as far as possible indicated by the Favoured Category Device. The digit '8' is to be used for 'Other sects' and amplified by the Chronological Device as provided in Rule Q18.

Q18 The Religion Division '8 Other religions' is to be subdivided by the Geographical Device, the country in which the Religion originated being used to construct the Geographical Number. If there are more than one 'Other religions' which originated in one and the same country, they are to be individualised by the Favoured Category Device and the additional ones by the Chronological Device, the Chronological Number being worked out to two digits and the year of foundation of the Religion being used as the epoch. The digit '8' is to be used and amplified by the Chronological Device

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(worked out to two digits only) for indicating 'Other sects' of major religions.

The Geographical Number for a country is either of two digits or of three digits if '9' is the second digit. Advantage is taken of this fact in not putting a colon after the Geographical Number.

Q201 "FARQUHAR (J. N.): *Outline of the religious literature of India*" may be usefully consulted in finding out the Sacred Books, the Theological Works, etc., relating to the Religion Divisions '1' to '4' and their subdivisions. But this book gives also the purely philosophical treatises of the Indian Schools of Philosophy. Hence, care must be taken not to bring such philosophical books into the Main Class 'Q Religion'.

Q21 It may be explicitly stated that the *Sthalapuranas* of India are to be accommodated in the Problem Division '38', this number being amplified by the Geographical Device, using the Geographical Number of the locality treated in the book but omitting the initial digit or digits representing the whole of India.

Q211 It should also be remembered that during the last three centuries, many poems, particularly Tamil ones have used *Sthalapuranas* as themes. These should be classed in poetry and not in Religion.

Q22 The Sacred Books of different Religions are likely to fall into different groups. In Schedule Q of Part II, the divisions for some religions are given by way of illustration. The digit '2' is to be subdivided similarly for other Religions. If the Sacred Books do not fall into any such groups, the subdivisions of '2' may be constructed in the same manner as the Work Number in the Main Class 'O Literature'.

Q224 There are said to be innumerable *Tantras* belonging to Saktaism and Buddhism. Several of them are now being printed. But there is no authentic or agreed list of them. Hence it may be well to individualise them in the way in which Work Numbers are constructed in the Main Class 'O Literature' assuming that the number of *Tantras* exceeds 64, i.e., working on a three-digit basis.

Q23 It may be remarked that books on the Theology of a Religion are likely to contain philosophical matter. One should not be misled by this fact to place such theological books in the Main Class 'R Philosophy'. Only a book that treats exclusively of the philosophical aspect of the Theology of a Religion is to be put in 'R3 Metaphysics' and further subdivided by the Subject Device as provided for in the rules for the subdivision of 'R3 Metaphysics'.

R PHILOSOPHY

R0 It is not possible to enunciate any relevant characteristics which may be made the basis of classification of Philosophy as a whole. In fact, we have to divide, in the first instance, along canonical lines. Some of the canonical divisions admit of classification on the basis of definite and appropriate characteristics. The ninth subdivision of each division is usually reserved for special topics about which some considerable literature exists. The terms used in Philosophy are very elusive. Many shades of differences are discernible in the use of the same terms by different philosophers. Baldwin's *Dictionary of philosophy* and James Hastings' *Encyclopædia of religion and ethics* may be of use in deciding the appropriate Class Numbers of books in Philosophy.

R3 Metaphysics

R30 Two trains of characteristics are to be used for the subdivision of Metaphysics, viz., View or 'V' and Subject or 'S'.

R301 The two trains of characteristics forming the basis of classification of Metaphysics are to be taken in the order 'V', 'S'.

R302 The Numbers corresponding to these trains of characteristics may be termed the View Number and the Subject Number respectively.

R303 The symbols and the appropriate divisions on the basis of the train of 'V' characteristics are given in Schedule R of Part II. The Numbers corresponding to the 'S' characteristics are to be constructed by the Subject Device.

R4 Ethics

R40 Two trains of characteristics are to be used for the subdivision of Ethics, viz., Problem or 'P' and Controlling or 'C'.

R401 The two trains of characteristics forming the basis of classification of Ethics are to be taken in the order 'P', 'C'.

R402 The Numbers corresponding to these trains of characteristics may be termed the Problem Number and the Controlling Element Number respectively.

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R403 The symbols and the appropriate divisions on the basis of the train of 'P' characteristics are given in Schedule R of Part II. The Numbers corresponding to the train of 'C' characteristics based on the Favoured Category Device are given in Schedule R of Part II, while the others are to be constructed by the Subject Device.

For example, Family Ethics of Hindus will be R42:Q2; treatment of animals according to Jains will be R47:Q3; if a book deals with Ethics as determined by sociological considerations, its number will be R4:Y1; on the other hand, a book that deals with Ethics as determined by statutory laws will be R4:Z.

R6 Indian Philosophy

R60 The division 'R6' has been set apart for Indian Philosophy. So also the division 'R7' may be set apart for any other system or school of philosophy in which the library specialises. For other Philosophical Systems peculiar to different countries, the division 'R8' is set apart, the number 'R8' being amplified by the Geographical Number representing the country concerned. This Geographical Number will ordinarily be of two digits and if it is of three digits, the second digit will be 9. Hence a colon need not be put after the Geographical Number.

R601 Special places have been given for Indian Philosophy as there is a considerable amount of literature on it. But it is open to libraries whose collections are different, to use 'R6' and 'R7' for such Philosophical Systems as are represented most in their collections.

R602 We have to divide Indian Philosophy along canonical lines only.

R62 The literature in Indian Philosophy abounds in classical treatises with a long hierarchy of commentaries and sub-commentaries. Hence a fairly long illustrative list of divisions by the Classic Device is included in Schedule R of Part II.

R65 The books in the Divisions 'R65' to 'R68' fall into two classes, *viz.*, those that are direct expositions and those that take the form of a commentary on certain basic texts.

R650 In the case of books that take the form of commentaries on basic texts, a second train of characteristics is to be used, *viz.*, Basic Text or 'B' characteristic.

R651 The first four divisions corresponding to the train of 'B' characteristic represent the Upanishads relating respectively to the Four Vedas and their different Sakhas, the numbers for the Vedas or their Sakhas, as the case may be, as given in Schedule Q of Part II, constituting the Basic Text Number.

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R655 The other divisions corresponding to the 'B' characteristic will be as follows:—'5 Brahmasutra'; '6 Bhagavad Gita'; '7 Bhagavata Purana'; '8 Mahabharata' and its parts; '9 Other Texts'.

It may be stated here that the Basic Text part should be separated by a colon from the preceding part of the Class Number.

S PSYCHOLOGY

S0 Two trains of characteristics are to be used for the subdivision of Psychology, viz., Entity or 'E' and Problem or 'P'.

S01 The two trains of characteristics forming the basis of classification of Psychology are to be taken in the order 'E', 'P'.

S02 The Number corresponding to these trains of characteristics may be termed the Entity Number and the Problem Number respectively.

S03 The symbols and the appropriate divisions on the basis of each of these trains of characteristics are given in Schedule S of Part II.

S1 The terms used in the divisions based on the train of 'E' characteristics require some explanation. The following gives a rough indication of the denotation of these terms.

S11 The term *child* is to be given the second meaning given in the Oxford Dictionary, namely, "a young person of either sex below the age of puberty", i.e., below fourteen years in the case of a male and twelve years in the case of a female. The class '11 New Born' is to include children below eight months. The class '12 Toddler' is to include children between eight months and one year. The class '13 Infant' is to include children under seven years of age. The class '15 Pre-adolescent' is to include children above seven years but below the age of puberty.

S12 The class '2 Adolescent' is to include males between the years fourteen and twenty-five and females between the years twelve and twenty-one.

S14 The Division '4 Vocational' is to include classes of persons belonging to different vocations and this may be subdivided by the Subject Device.

S16 The connotation of the class '6 Abnormal' is indicated by its subdivisions.

S17 The Division '7 Race' may, wherever necessary, be subdivided by the Geographical Device or as in Y1 Sociology. The country or the geographical area with which the Race is primarily associated is to be used to construct the Geographical Number.

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S18 The Division '8 Social' is to be used to indicate a collection or group of human beings as such.

S22 The Problem Number '2' and its subdivisions may be subdivided on the basis of the train of Point-of-View or the 'V' characteristics. The Number corresponding to this train of characteristics may be termed the Point-of-View Number. The symbols and the appropriate divisions based on this train of Characteristics are given in Schedule S of Part II.

S23 The Problem Number '3' and its subdivisions may also be subdivided on the basis of the train of Point-of-View or the 'V' characteristics, mentioned in Rule S22.

S99 If a book deals with a psychological problem from the point of view of a specific School of Psychology, the Main Class Digit 'S' is to be amplified by the Chronological Device before the Divisions based on the trains of 'E' and 'P' characteristics are applied to it. The Chronological Number is to be worked out to three digits, the year of the first publication of an authentic exposition of the School being used as the epoch.

The amplified digit 'S' for some Schools of Psychology are given by way of illustration at the end of Schedule S of Part II.

As a result of this Rule, books on the ordinary theory of Psychology will come first, of course classified in all possible ways. Then the books dealing with particular Schools, classified among themselves in all possible ways, will come in successive chronological order.

T EDUCATION

T0 Two trains of characteristics are to be used for the subdivision of Education, *viz.*, Educand or 'E' and Problem or 'P'.

T01 The two trains of characteristics forming the basis of classification of Education are to be taken in the order 'E', 'P'.

T02 The Number corresponding to these trains of characteristics may be termed the Educand Number and the Problem Number respectively.

T03 The symbols and the appropriate divisions on the basis of each of these trains of characteristics are given in Schedule T of Part II.

T1 It may be observed that the divisions of the Main Class 'T Education' based on the train of 'E' characteristics are mnemonic with the divisions of the Main Class 'S Psychology' based on the train of 'E' characteristics.

T220 The Problem Division '2 Schools of Education' is to be divided by the Chronological Device. The Chronological Number is to be worked out to three digits, the year of the first publication of an authentic exposition of the School being used as the epoch.

The subdivision of '2' for some Schools of Education are given by way of illustration in Schedule T of Part II.

T221 Any of the subdivisions of the problem division '2' may be further subdivided, whenever necessary, by the Auto-Bias Device.

A dash need not however, be put between the Chronological Number amplifying the Problem Digit '2' and the Bias Number. As the Chronological Number will always consist of three digits no ambiguity is likely to arise by not inserting the dash.

T23 The Problem Number '3 Teaching Technique' may be subdivided by the Subject Device with the modification given under Problem Number '3' of Schedule T of Part II.

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The bare digit '3' is to be used for books which deal with the teaching of more than one subject. In the case of books dealing with specific subjects, the Number for the subject is to be added after the digit '3' without a colon intervening.

T34 Such of the subdivisions of the Problem Division '4 Organisation', as may admit of it, may be further subdivided on the basis of the train of Subject or S characteristics, the divisions on the basis of this train being obtained by the Subject Device.

T8u The Class Numbers of books which give a descriptive account of education or any particular aspect of education in specific geographical areas at a particular time are to be amplified by the Common Subdivision digit *u*, which itself is to be amplified as usual.

T8v The Class Numbers of books which trace the history of education or of any particular aspect of education through a stretch of time are to be amplified by the Common Subdivision digit *v*, which itself is to be amplified as usual.

U GEOGRAPHY

U0 Three trains of characteristics are to be used for the subdivision of Geography, *viz.*, Problem or 'P', Geographical or 'G' and Chronological or 'C'.

U01 The three trains of characteristics forming the basis of classification of Geography are to be taken in the order 'P', 'G', 'C'.

U02 The Numbers corresponding to these trains of characteristics may be termed the Problem Number, the Geographical Number and the Chronological Number respectively.

U03 The symbols and the appropriate divisions on the basis of the train of Problem characteristics are given in Schedule U of Part II.

The term 'Geography' is a very elusive one. According to the *Encyclopædia Britannica*, it is a synthetic science. "The characteristic task of geography is to investigate the control exercised by the forms and vertical relief of the surface of the lithosphere directly or indirectly on the various mobile distributions". The big Oxford Dictionary defines it as "The Science which has for its object the description of the earth's surface, treating of its form and physical features, its natural and political divisions, the climate, productions, population, etc., of the various countries."

Accordingly we have included in the Problem Divisions of Geography, Mathematical Geography, Physical Geography, Bio-Geography, Anthro-Geography and Economic Geography. We have also included the Science of Meteorology. Another feature of the problem classes is that 'Travels' forms one of them. As has been already stated in the commentary on Rule 2u1 of Chapter 2, it is only General Travel books that are to be accommodated in this division.

U3 The third train of characteristics namely, the train of Chronological characteristics, may not be applicable in all cases. But, it will certainly be applicable when the Problem Number is '6' or '8'. In all such cases, it may be sufficient to work out the Chronological Number to two digits. The latest period of time covered is to be used as the epoch in constructing the Chronological Number.

W POLITICAL SCIENCE

W0 Two trains of characteristics are to be used for the subdivision of Political Science, *viz.*, Type of State or 'T' and Problem or 'P'.

W01 The two trains of characteristics forming the basis of classification of Political Science are to be taken in the order 'T', 'P'.

W02 The Numbers corresponding to these trains of characteristics may be termed the Type Number and the Problem Number respectively.

W03 The symbols and the appropriate divisions on the basis of each of these trains of characteristics are given in Schedule W of Part II.

W2 It will be observed that the Problem Classes of 'W Political Science' are quite parallel to the Problem Classes of 'V History'. A reference may be made to the commentary 822 of Chapter 8 of this Part, with regard to the line of demarcation between 'V History' and 'W Political Science'.

X ECONOMICS

X0 Four trains of characteristics are to be used for the subdivision of Economics, *viz.*, Business or 'B', Economic or 'E', Geographical or 'G' and Chronological or 'C'.

X01 The four trains of characteristics forming the basis of classification of Economics are to be taken in the order 'B', 'E', 'G', 'C'.

X02 The Numbers corresponding to these trains of characteristics may be termed the Business Number, the Economic Number, the Geographical Number and the Chronological Number respectively.

X03 The symbols and the appropriate divisions on the basis of each of the first two trains of characteristics are given in Schedule X of Part II.

X14 'Transport' occurs both in the Business Train and in the Economic Train. In the former, books on the business of 'Transport', as such, are to be accommodated while the latter is to hold only books that deal with the process of the actual transport of specific commodities, involving, as it does, the details indicated under the Problem Division '4' in Schedule X of Part II.

X17 The Business Division '7' and its subdivisions may not admit of all the General Problem Divisions given in Schedule X of Part II. Hence a special Schedule of Problem Divisions applicable to the business Division '7' and its subdivisions is given at the end of the General Problem Divisions in Schedule X of Part II.

X29 'Labour' is given as an independent Problem Division and not included in the Problem Division '8 Management' as the Labour problem is a vast one and appears to have an independence of its own. The problem Division '82 Employees' is therefore to hold only books on the employees other than 'Labour', that is, the specially skilled workers and the intellectual workers.

X3 A book, that deals with the Science of Economics but does not deal with an account of any specific economic problem in any particular geographical area, will not, of course, admit of division on the basis of the 'G' and 'C' characteristics. In this connection a reference may also be made to the commentary 823 of Chapter 8 of this Part with regard to the convention about the distinction between Economics and Economic History.

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X4 If the Geographical characteristic is used, the Chronological characteristic also must be used. Ordinarily it may be sufficient to work out the Chronological Number to two digits. The Geographical Number and the Chronological Number are to be separated by a colon.

X8 Notwithstanding anything to the contrary contained in Rule 23 of Chapter 2 of this Part, in the case of books falling in the Main Class 'X Economics', if a bare or amplified Common Subdivision Number is to be applied, classification on the basis of the trains of 'G' and 'C' characteristics and these trains of characteristics are to be omitted.

Vide Commentary on Rule 88.

X8e Books on weights and measures are to be given the class number X:5e.

X9 When the Economic Number is '5' or any of its subdivisions, the Geographical Number may be amplified by the Bias Number Device, using for the Bias Number the number for the geographical area with which commerce is conducted. If there be two or more such areas, the number for the first of them is to be used.

X99 If a book deals with an economic problem from the point of view of a specific Type of Economic Organisation, the Subject Digit 'X' is to be amplified by the Chronological Device before the divisions based on the trains of 'B', 'E', 'G' and 'C' characteristics are applied to it. The Chronological Number is to be worked out to three digits, the year of the first publication of an authentic exposition of the Type of Organisation being used as the epoch.

The amplified digit 'X' for some Types of Organisation are given by way of illustration at the end of Schedule X of Part II.

As a result of this Rule, books belonging to the ordinary capitalistic Type of Organisation will come first, of course classified in all possible ways. Then the books belonging to the particular Types of Organisation such as 'Co-operative' and 'Communistie' (classified among themselves in all possible ways) will come in successive chronological order.

Y OTHER SOCIAL SCIENCES

The Main Classes 'S' to 'X' and 'Z' represent the major Social Sciences. To make the divisions of Social Sciences totally exhaustive, the Main Class 'Y Other Social Sciences' is introduced. It plays the same role with reference to the Social Sciences as the Main Class 'M Useful Arts' does with reference to the Applications of Sciences.

Further, this Main Class may also be looked upon as a Generalia Class for the Social Sciences. In fact, any Generalia book dealing with Social Sciences only is to be given the Class Number 'Y', while Y1, Y2, etc., will represent specific Social Sciences, not already provided for in the other Subject Divisions.

It may be stated here that the Schedule Y of Part II deals only with 'Y1 Sociology'. As need arises, Y2, Y3 may also be set apart for other definite Social Sciences that may take shape.

Y1 Sociology

Y10 Five trains of characteristics are to be used for the subdivision of Sociology, *viz.*, Group of 'G', Problem or 'P', Secondary Problem or S, Geographical or Gg and Chronological or C.

Y101 The five trains of characteristics forming the basis of classification of Sociology are to be taken in the order 'G', 'P', 'S', 'Gg', 'C'.

Y102 The Numbers corresponding to these trains of characteristics may be termed the Group Number, the Problem Number, the Secondary Problem Number, the Geographical Number and the Chronological Number respectively.

The Secondary Problem Number is called Handling Number when applied to Problem Divisions 4 and 5.

Y103 The symbols and the appropriate divisions on the basis of the first three trains of characteristics are given in Schedule Y of Part II.

Y117 The Group Division 7 and its subdivisions are to hold the class Anthropology and Ethnology.

Y18 Notwithstanding anything to the contrary contained in Rule 23 of Chapter 2 of this Part, in the case of books fall-

OTHER SOCIAL SCIENCES

ing in Class 'Y1 Sociology' the bare or amplified Common Subdivision Number is to be applied before classification on the basis of the trains 'Gg' and 'C' characteristics and these trains of characteristics are to be omitted.

Vide Commentary on Rule 88.

Y19 The Class 'Y1 Sociology' may frequently require the application of the Auto-Bias Device in the construction of Group Numbers.

Z LAW

Z0 Three trains of characteristics are to be used for the subdivision of law, viz. Community or 'C', Law or 'L' and Problem or 'P'.

Z01 The three trains of characteristics forming the basis of classification of Law are to be taken in the order 'C' 'L', 'P'.

Z02 The Numbers corresponding to these three trains of characteristics may be termed the Community Number, the Law Number and the Problem Number respectively.

Z03 The symbols and the appropriate divisions on the basis of the last two trains of characteristics are given in Schedule Z of Part II.

Z1 The divisions based on the train of Community Characteristics are to be got by the Geographical Device in the case of nations and sections of nations who are individualised by the geographical area of their habitation, and by the Subject Device in the case of other communities who are individualised by other factors such as religion.

Thus French law and Australian law will be represented by Z53 and Z8 while Hindu law, Canon law of Christians and Muslim law will be represented by ZQ2, ZQ6 and ZQ7 respectively.

Again the federal law of the United States will be Z73 whereas the law of California will be Z7351. So also in the case of the special law of a particular sect of a religion, the religion number will have to be subdivided to the necessary extent.

Z11 For international law, the geographical number to be used is '1' if it covers the whole world or any other appropriate number if it covers only a part of the world.

e.g., American international law will have the number Z7.

It may be stated here that this rule relates to Public International Law, i.e., to law which governs situations in which all the parties concerned are States or Governments, politically independent of one another.

Z2 It will be noted that the terms used to denote the classes based on the trains of Law and Problem characteristics are so chosen as to be applicable to International Law as well as Municipal Law. Wherever it is not so, the analogous terms are to be understood.

LAW

Z25 It will be seen that some of the last subdivisions of '5 Crimes' are obtained by a modified form of Subject Device. Further subdivisions may be obtained in an analogous manner.

Z26 The Law Division '6 Conflict of laws, private international law' has been taken away from 'Public international law', as it is said to have greater affinity to 'Municipal law' than to 'International law'.

Z261 As has been indicated in the Schedule, Law Number '6' is to be subdivided by applying to it such of the divisions of 'Z' on the basis of the Law characteristic as are applicable to it with the modification that '6 Conflict of laws' is to be replaced by '6 During war'. '66' may again be subdivided as '6' itself.

Z2A The divisions A to D based on the train of Law characteristics, which relate to war-conditions, are to be subdivided by applying to them such of the divisions of 'Z' on the basis of the trains of Law characteristics as are applicable to them.

The appropriate terms for the derived composite classes will be obvious, e.g., Z1:C265 is the number for 'Prize law'.

It may be stated that it is not possible for the Main Classes A, B, C, D to figure as Last Octave Numbers of Z Law. Hence, no ambiguity will arise by A, B, C, D being used as divisions based on the train of Law characteristics.

Z3 The classes based on the train of Problem characteristics would naturally depend upon the Law Number and would be different for different Law Numbers. Hence the Problem Classes for certain Law Numbers have been given separately in the Schedule. If the need for problem classes is felt in the case of other Law Numbers, they will have to be constructed analogously and consistently with the Canon of Mnemonics, expounded in the *Prolegomena to library classification*.

Z8y7 A law report is to have its number amplified by the Common Subdivision y7. The report of a particular case may require further amplification by the Chronological Device, the chronological number being worked out to three digits and the date of commencement of the trial being used as the epoch. A periodical law report may require further amplification of y7 by m. m need not be amplified by the Chronological Device if it is an official report. Nor is it necessary to amplify m by the Geographical Device if the Community Number is a Geographical Number.

LAW

Z9 The Classic Device may, if necessary, be applied also to any Class Number ending with the 'Digests' digit z.

Pandurang Vaman Kane *History of Dharma Sastra* will be of much help in applying the Classic Device in the case of Hindu Law. The Dharma Sastras of Hinduism usually devote one of their parts to law. The editions of a Dharma Sastra as a whole are to be placed in religion and illustrative Class Numbers of such works by the Classic Device have been given at the end of Schedule Q of part II. But editions of the Law part alone are better placed in Law. For example, the Law part of Q2:4x2 Yajnavalkya is to be given the Class Number ZQ2x2. Similarly the Law part of Q2:4x223 Balambhatti is to be given the class Number ZQ2x223. Again, the Law part of Q2:4x5 Narada is to be given the Class Number ZQ2x5.

The following are some examples of classics in digests:

ZQ2zxI50 Vacaspatimisra *Uvada cintamani*.

ZQ2:1225zxK10 Nanda Pandita *Dattakamimamsa*.

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COLON CLASSIFICATION

BY

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PART II

SCHEDULES OF CLASSIFICATION



MADRAS

THE MADRAS LIBRARY ASSOCIATION

LONDON, EDWARD GOLDSTON, LTD.

1939

FIRST EDITION 1933
SECOND EDITION (*Revised*) 1939

251qN33
G9•2

1 MAIN CLASSES

1 to 9 Generalia

Δ Spiritual experience
and mysticism

Sciences

Humanities

A Science (General)
B Mathematics
C Physics
D Engineering
E Chemistry
F Technology
G Natural Science
 (General) and
 Biology
H Geology
I Botany
J Agriculture
K Zoology
L Medicine

M (Other) applications
 of sciences, Useful
 arts

N Fine arts
O Literature
P Linguistics
Q Religion
R Philosophy
S Psychology
T Education

U Geography
V History
W Political science
X Economics
Y (Other) social sciences
 including sociology

Z Law

2 COMMON SUBDIVISIONS

<i>a</i>	Bibliography		Problem Number
<i>b</i>	Profession		"7" of 'S Psycho-
<i>b1</i>	Qualification		logy')
<i>b11</i>	Educational	<i>b2</i>	Recruitment
<i>b111</i>	General	<i>b3</i>	Training
<i>b112</i>	Special	<i>b4</i>	Research
<i>b12</i>	Age	<i>b5</i>	Service conditions
<i>b13</i>	Physical	<i>b51</i>	Grades
<i>b131</i>	Longevity, expectation of life	<i>b52</i>	Salary
<i>b132</i>	Anthropometrical	<i>b53</i>	Leave
	(To be subdivided as the Problem Number "2" of 'Y1 Sociology' and to be further divided by the train of Organ characteristics as in 'L Medicine')	<i>b55</i>	Amenities
		<i>b56</i>	Superannuation
		<i>b57</i>	Tenure
		<i>b6</i>	Control
		<i>b7</i>	Unions, associations
		<i>b8</i>	Powers and duties
		<i>c</i>	Laboratories, observatories
		<i>d</i>	Museums, exhibitions
<i>b133</i>	Functional; physiological. (To be further divided by the train of Organ characteristics as in 'L Medicine')	<i>e</i>	Instruments, machines, appliances, formulas
		<i>f</i>	Maps, atlases
<i>b16</i>	Family, heredity, eugenical	<i>g</i>	Charts, diagrams, graphs, handbooks, catalogues
<i>b17</i>	Personality (To be subdivided as the	<i>h</i>	Institutions

2 COMMON SUBDIVISIONS

<i>j</i>	Miscellanies, memorial volumes, Festschriften		counts, explorations, topography
		<i>v</i>	History
<i>k</i>	Cyclopaedias, dictionaries, concordances	<i>w</i>	Biography, letters
		<i>x</i>	Collected works, selections
<i>l</i>	Societies		
<i>m</i>	Periodicals	<i>y1</i>	Scope
<i>n</i>	Yearbooks, directories, calendars, almanacs	<i>y2</i>	Syllabus
		<i>y5</i>	Catechism
		<i>y6</i>	Synopsis
<i>p</i>	Conferences, congresses, conventions	<i>y7</i>	Case study
		<i>y8</i>	Experimental work, practical work
<i>q</i>	Bills, acts, codes	<i>z</i>	Digests
<i>r</i>	Government departmental reports and similar periodical reports of corporate bodies	<i>z4</i>	Parody
		<i>z5</i>	Adaptation
		<i>z61</i>	In verse
		<i>z62</i>	In dramatic form
		<i>z63</i>	In the form of fiction
<i>s</i>	Statistics		
<i>t</i>	Commissions, committees	<i>z64</i>	In the form of letters
<i>u</i>	Travels, expeditions, surveys or similar descriptive accounts	<i>z7</i>	Symposia, lectures, essays
		<i>:9</i>	Criticism, application

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100	Linguistic divisions		
	(To be subdivided by the language numbers)	191	Land regions
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		1912	Caves
100111	English speaking countries	1913	Sand dunes
100123	Spanish speaking countries	1914	Prairies
		1915	Rain forests
		192	Islands
		193	Marshes, coastal regions
10	Empires		
	To be subdivided by the Geographical Device.	194	Submarine regions
	(<i>Illustrative</i>)	195	Watery regions
		1951	Fresh water
1052	Roman empire	19517	Rivers
1056	British empire	19518	Lakes
		1955	Sea water
13	Pacific countries	196	Mountain region
15	Atlantic countries	198	Atmosphere
151	Mediterranean countries	1984	Stratosphere
		1986	Ionosphere
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163	South frigid zone	3	Favoured country
167	North frigid zone	4	Asia
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173	South temperate zone	4111	Kiang-su
		4112	An-hwei
177	North temperate zone	4113	Che-kiang
		4121	Kiang-si
18	Tropical zone	4122	Fu-kien
183	South tropical zone	4131	Kwang-tung
187	North tropical zone	4132	Kwang-si

GEOGRAPHICAL DIVISIONS

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4142	Kwei-chow		States	
4143	Hu-nan	43813	Karenni	
4151	Sze-chwan	43814	Salween	
4152	Hu-peh	43821	Thaton	
4153	Shen-si	43822	Amherst	
4161	Ho-nan	43823	Tavoy	
4162	Shan-si	43824	Mergui	
4163	Kan-su	43831	Toungoo	
4171	Chih-li	43832	Pegu	
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4362	Celebes	43861	Chin Hills	
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4365	Sumatra	43864	Katha	
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	States	43883	Kyankse	
		43884	Meiktila	
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43888	Myingyan	44192	North Arcot
43889	Sagaing	44193	Chittoor
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	ing the Indian	4421	Pudukkottai
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44154	South Kanara	443142	Sangli
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44162	Anantapur	443151	Ratnagiri
44163	Bellary	443152	Kolaba
44165	Kurnool	443153	Satara
4418	Andhra Desa	443154	Aundh
44181	Nellore	443155	Bhor
44182	Guntur	443156	Poona
44183	Kistna	443157	Thana
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44185	Godavari, East	443161	Surat
44186	Vizagapatam	443162	Broach
44187	Ganjam (<i>Before</i>	443163	Kathiawar
	1936)	443164	Palanpur

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443171	Khandesh, West	443642	Muzaffargarh
443172	Khandesh, East	443643	Jhang
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443181	Ahmadabad	443651	Dera Ghazi Khan
443182	Baroda	443652	Mianwali
443183	Kaira	443653	Shahpur
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443185	Rewakantha	443656	Shekhapura
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443212	Jhalawan	443664	Attock
443231	Las Bela	443665	Rawalpindi
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443572	Peshawar	4436914	Dujana State
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445213	Benares	445281	Basti
445214	Ghazipur	445282	Gorakhpur
445215	Jaunpur	445291	Unao
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445243	Mainpuri	445316	Balasore
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445245	Muttra	445335	Angul
445246	Aligarh	445336	Feudatory states of
445247	Etah		Orissa
445251	Budaun	445351	Sambalpur
445252	Bulandshahr	445352	Ranchi
445253	Meerut	445353	Palamau
445254	Muzaffarnagar	445355	Shahabad
445255	Moradabad	445371	Saran
445256	Rampur	445372	Champanan
445257	Bareilly	445373	Muzaffarpur
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445265	Almora	445377	Purnea
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445267	Bijnor	445392	Gaya
445271	Sitapur	445393	Patna

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44545	Sambalpur	446271	Darjeeling
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446114	Manipur	446293	Jessore
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446192	Cachar	447131	Nandgaon
		447132	Chanda
		447133	Yeatmal
4462	Bengal	447134	Akola
446211	Mymensingh	447135	Wardha
446212	Dacca	447136	Nagpur
446213	Tippera	447137	Bhandara
446214	Tripura	447141	Amraoti
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446234	Howrah	447154	Chhindwara
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448252	Marwar		5	Europe
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54	Spain and Portugal	56163	Lancashire
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561	England	56177	Durham
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56143	Somerset	56312	Kinross
56151	Oxford	56313	Clackmannan
56152	Gloucester	56314	Stirling
56153	Monmouth	56321	West Lothian (Lin- lithgow)
56154	Hereford	56322	Mid Lothian (Edin- burgh)
56155	Shropshire	56323	East Lothian (Had- dington)
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56157	Worcester		
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56331	Lanark	564161	Longford
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56342	Wigtown	56432	Cork
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56351	Renfrew	56434	Limerick
56352	Dumbarton	56435	Clare
56353	Argyll	56437	Tipperary
56354	Perth	5645	Connaught
56371	Inverness	56451	Roscommon
56372	Ross and Cromarty	56453	Galway
56373	Sutherland	56455	Mayo
56374	Caithness	56457	Sligo
56381	Nairn	56458	Leitrim
56382	Moray (Elgin)	5647	Ulster
56383	Banff	56471	Monaghan
56384	Aberdeen	56472	Cavan
56385	Kincardine	56473	Donegal
56386	Angus (Forfar)	5648	Northern Ireland
5639	Islands	56481	Antrim
56391	Bute	56482	Down
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564111	Dublin	572	Denmark
564112	Kildare	573	Norway
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564121	Wexford	575	Finland
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592	Balkan States	6591	Sierra Leone
5921	Rumania	661	Rio de Oro
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5923	Yugo-slavia	671	Egypt
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65	West Africa	7252	British Columbia
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7314	Delawar	7383	Vermont
7315	Maryland	7384	Connecticut
7317	Virginia	7385	Massachussets
7318	Kentucky	7386	New Hampshire
7321	North Carolina	7387	Maine
7322	South Carolina	7391	Rhode Island
7323	Georgia	74	Mexico
7324	Florida	7414	Yucatan
7325	Alabama	75	Central America
7326	Louisiana	751	Guatemala
7327	Mississippi	752	British Honduras
7328	Tennessee	753	Salvador
7331	Texas	755	Nicaragua
7332	Oklahoma	758	Costa Rica
7333	Kansas	76	Alaska
7334	Nebraska	77	Panama
7335	Missouri	791	South America
7336	Arkansas	7911	Uruguay
7341	New Mexico	7913	Argentine Republic
7342	Arizona	7914	Chile
7343	Colorado	7915	Paraguay
7344	Wyoming	79161	Bolivia
7351	California	79162	Peru
7352	Nevada	79163	Ecuador
7353	Oregon	79164	Colombia
7354	Idaho	79171	Venezuela
7355	Utah	79172	British Guiana
7361	Washington	79173	Dutch Guiana
7363	Montana	79174	French Guiana
7371	North Dakota	7918	Brazil
7372	South Dakota	79198	Falkland Isles
7373	Minnesota	792	West Indies
7374	Wisconsin	7921	Trinidad

GEOGRAPHICAL DIVISIONS

7922	Windward and Sea-ward Islands	934	Melanesia
7924	Porto Rico	935	Micronesia
7925	Haiti	9358	Solomon Islands
7926	Jamaica	936	Polynesia
7927	Cuba	9365	Samoa
7928	Bahamas	9368	Fiji
8	Australia	937	New Zealand
81	Queensland	9391	Aleutian Islands
82	New South Wales	9392	Hawaii
8291	Hunter Islands	94	Arctic Ocean
83	Victoria	943	Spitsbergen
84	South and Central Australia	95	Atlantic Ocean
85	Western Australia		
86	North Australia		
89	Islands		
8921	Tasmania		
9	Oceans		
91	Indian Ocean		
92	Antarctic Ocean		
93	Pacific Ocean		
931	Philippine and other associated islands		
933	New Guinea		

MNEMONIC DIGITS

*To be applied after Geographical
number before Alphabetic
Device is used for
individualisation*

C	Cities, towns, villages, etc.
D	Deserts
L	Lakes, tanks, etc.
M	Mountains, hills, peaks, etc.
R	Rivers, canals, etc.

4 LANGUAGE DIVISIONS

1	Indo-European	15	Sanskrit
11	Teutonic	151	Prākṛt
11011	Gothic	1511	Pāli
110153	Low Frisian	1512	Mahārāṣṭrī
110155	Old Frisian	1516	Ardhamāgadhi
111	English	1517	Māgadhi
112	Dutch	1518	Apabhramśa
113	German	15198	Sinhalese
114	Swedish	152	Hindī
115	Norwegian	153	Pañjābī
116	Danish	154	Gujarātī
117	Icelandic	155	Marāṭhī
12	Latin	156	Uriyā
121	Italian	157	Beṅgālī
122	French	158	Nepālī
123	Spanish	16	Iranian
124	Portuguese	161	Avestic
128	Celtic	162	Pahlavi
1283	Welsh	164	Persian
1285	Irish	165	Afghan (Pushtu)
1287	Scotch. Gaelic	168	Urdu
13	Greek	17	Armenian
14	Slavonic	18	Albanian
141	Lethic	191	Tockarish
142	Russian	192	Phyrgian
143	Bulgarian	197	Hittite
144	Illyrian	2	Semitic
1441	Slav	21	Babylonian including Syriac
1442	Servian		
145	Polish	22	Assyrian
146	Bohemian	24	Aramaic

LANGUAGE DIVISIONS

25	Hebrew	N.B.	<i>Divisions 4-9 to be</i>
26	Phoenician		<i>divided by the</i>
28	Arabic		<i>Geographical</i>
3	Dravidian		<i>cal Device.</i>
31	Tamil		<i>(Illustrative)</i>
32	Malayālam	467	Sumerian
33	Kānarese		
34	Tuḷu	99	Artificial languages
35	Telugu		<i>To be divided by the</i>
36	Kūi		<i>Chronological</i>
38	Brāhūi		<i>Device</i>
39	Toḍa, etc.		<i>(Illustrative)</i>
4	Other Asiatic lan-	99M17	Solresol
	guages	99M75	Lingualumina
5	Other European lan-	99M80	Volapuk
	guages	99M84	Blaia Zimondal
6	Other African lan-	99M86	Cabe Aban
	guages	99M87	Esperanto
7	Other American lan-	99N03	Interlingua 'Latino
	guages		Sina flex'
8	O t h e r Australian	99N07	Ido
	languages	99N23	Hom-idyomo
9	Other oceanic lan-		
	guages		

5 CHRONOLOGICAL DIVISIONS

A	Before 1999 B. C.	N	1900 to 1999 A. D.
B	1999 to 1000 B. C.	P	2000 to 2099 A. D.
C	999 to 1 B. C.	Q	2100 to 2199 A. D.
D	1 to 999 A. D.	R	2200 to 2299 A. D.
E	1000 to 1099 A. D.	S	2300 to 2399 A. D.
F	1100 to 1199 A. D.	T	2400 to 2499 A. D.
G	1200 to 1299 A. D.	U	2500 to 2599 A. D.
H	1300 to 1399 A. D.	V	2600 to 2699 A. D.
I	1400 to 1499 A. D.	W	2700 to 2799 A. D.
J	1500 to 1599 A. D.	X	2800 to 2899 A. D.
K	1600 to 1699 A. D.	Y	2900 to 2999 A. D.
L	1700 to 1799 A. D.	Z	3000 to 3099 A. D.
M	1800 to 1899 A. D.	AA	3100 to 3199 A. D.

9 GENERALIA

<i>Canonical divisions</i>	
1	Bibliography
2	Library science
3	Dictionaries, encyclo- paedias
4	Societies
5	Periodicals
61	Congresses
62	Commissions
63	Exhibitions
64	Museums
7	Biographies
8	Year-books
9	Works, essays
98	Theses

1 BIBLIOGRAPHY

1 [M]: [B]

*Divisions based on the train of
Material or M
Characteristic*

1	Tablets
2	Manuscripts
3	Pictures
35	Films
4	Printed books
41	Incunabula
53	Gramophone records
55	Filmed books
8	Books for the blind

<i>Divisions based on the train of Bibliographical or B Characteristic</i>	
1	Publications in a parti- cular geographical area
2	Publications dealing with a particular geographical area
3	Publications in or deal- ing with a parti- cular language
4	General catalogue of a library
5	General catalogue of a publishing agency
7	Reference books
91	Childrens' books

2 LIBRARY SCIENCE

2 [P]: [L]

*Divisions based on the train of
Problem or P
Characteristic*

1	Building and equip- ment
11	Stack room
12	Catalogue room
13	Reading room
14	Counter
15	Periodicals room
16	Office room

GENERALIA

17	Exhibition room		<i>Divisions based on the train of</i>
18	Lecture room		Library or L
19	Other rooms		<i>Characteristic</i>
4	Administration	1	National and similar
41	Book selection		libraries
42	Book order	11	National library
43	Periodicals work	12	Central library
44	Accessioning	14	Copyright library
45	Preparation of the book	15	Regional library
		2	Public library
5	Technical	21	Rural library
51	Classification	25	City library
55	Cataloguing		
551	Internal form of the catalogue	3	Academic library
		31	School library
5511	Alphabetic catalogue	32	College library
5513	Dictionary catalogue	33	University library
5515	Classified catalogue	34	Library of research organisations
555	External form of the catalogue		
		4	Business library
5551	Book form of catalogue	41	Industrial library
		42	Newspaper office library
5552	Pastedown catalogue		
5553	Sheaf catalogue	45	Commercial library
5555	Card catalogue	48	Government departmental library
6	Circulation work		
61	Within the library premises	5	Library for special classes
62	For home reading		
621	Books	51	Children's library
622	Periodicals	53	Prison library
623	Rules of lending	54	Hospital library
625	Interlibrary loan	55	Sea-men's library
65	Issue methods	58	Library for the blind
7	Reference work	7	Subscription library
72	Publicity work	8	Private library
8	Shelf work	92	Manuscripts library
91	Nomenclature etc.	98	Archives

B MATHEMETICS

<i>Canonical divisions</i>		<i>Divisions based on the train of</i>	
			Problem or P
B1	Arithmetic		<i>Characteristic</i>
B2	Algebra		
B3	Analysis	1	Primality and divisi-
B4	Other methods		bility
B5	Trigonometry	2	Distribution
B6	Geometry	3	Diophantine equa-
B7	Mechanics		tions
B8	P h y s i c o-mathe-		<i>Special equations by the</i>
	matics		<i>Chronological Device</i>
B9	Astronomy		<i>(illustrative)</i>
B1	ARITHMETIC	3K57	Pell's equation
B11	Lower arithmetic	5	F o r m s including
B111	Numeration		partitions
B112	Notation		<i>Special forms by the</i>
B113	Arithmetical opera-		<i>Chronological Device</i>
	tions		<i>(illustrative)</i>
B114	Approximations	5K37	Fermat's l a s t
			theorem
B12	Concept of num-	5L42	Goldbach's theorem
	bers	5L50	Waring's problem
B13	Integers (theory of	9	Associated arithmetic
	numbers)		functions
B13 [N] : [P] : [M]			<i>Special arithmetic functions</i>
<i>Divisions based on the train of</i>			<i>by the Chronological Device</i>
	Number or N		<i>(illustrative)</i>
	<i>Characteristic</i>	9L60	ϕ function
1	Prime numbers	9M32	μ function
2	Numbers defined by	9M97	Merten's function
	factor properties		<i>Divisions based on the train of</i>
21	Highly composite		Method or M
	numbers		<i>Characteristic</i>
5	Numbers defined by	1	Elementary arith-
	partition properties		metical methods

MATHEMATICS

2	Algebraic methods	B215	Ratio and proportion, variation
21	Elementary algebraic methods	B216	Progressions
22	Methods of rational approximations by continued fraction	B217	Permutations and combinations
23	Congruences	B22	Continued fractions
25	Method of algebraic forms	B221	Finite continued fractions
28	Method of probability	B23	Theory of equations
3	Analytical methods		B23 [E] : [P]
36	Method of infinite series and products		<i>Divisions based on the train of</i>
38	Method of complex variable		Equation or E
39	By the use of special functions		<i>Characteristic</i>
	(to be divided as B39)	1	Simple
6	Geometrical methods	2	Quadratic
		3	Cubic
B15	Algebraic numbers and ideal numbers	4	Biquadratic
		6	Simultaneous
		7	<i>n</i> th degree
		8	Transcendental
		9	Special
	(to be divided as B13)		<i>Special equations by the</i>
B16	Complex and hypercomplex numbers		<i>Chronological Device</i>
			(illustrative)
	(to be divided as B13)	9M29	Abelian equations
		9M72	Sylow equations
B18	Transcendental numbers		<i>Divisions based on the train of</i>
			Problem or P
			<i>Characteristic</i>
	B2 ALGEBRA	1	Numerical solutions
B21	Elementary algebra, i.e., not involving infinite processes	3	Symmetric functions
		4	Elimination, resultant
		5	Formal solutions
		6	Graphical solutions
B213	Fundamental operations and laws	7	Existence of solutions, Galois theory

MATHEMATICS

B24 Determinants

B245 Matrices

*Special determinants by the
Chronological Device
(illustrative)*

B24M12 Alternants

B25 Higher algebra, forms, transfor- mations, invari- ants, etc.

B25 [F]: [D]: [T]

*Divisions based on the train of
Form or F*

Characteristic

2 Binaries

3 Ternaries

4 Quaternaries

7 n-naries

*Divisions based on the train of
Degree or D*

Characteristic

1 Linear

2 Quadratic

3 Cubic

7 nth degree

*Divisions based on the train of
Transformation or T*

Characteristic

1 Linear transforma- tions

18 Special invariants

2 Quadratic transfor- mations

28 Special invariants

3 Cubic transformations

38 Special invariants

7 nic transformations

78 Special invariants

8 Special transforma- tions

*Special transformations by
the Chronological Device
(illustrative)*

8M63 Cremona transfor- mations

B27 Groups

B271 Finite groups

B28 Statistics

B281 Probability

B2813 Normal equations

B2817 Sampling

B2818 Theory of attri- butes

B282 Frequency curves

B283 Histograms

B284 Averages a n d index numbers

B285 Correlation

B286 Periodogram an- alysis

B29 Algebras

B3 ANALYSIS

B31 Foundations

B311 Numbers

B3111 Ordinal

B3113 Cardinal

B3114 Transfinite

B313 Function-space

B313N08 Hilbert space

B316 Topology

B32 Calculus

B321 Differential cal- culus

B324 Partial differentia- tion

B325 Integral calculus

B3255 Definite integrals

B328 Multiple integrals

MATHEMATICS

B33	Differential and integral equations	56	Solution by infinite series
B33 [E] : [D] : [O] : [P]		58	Singular solutions
<i>Divisions based on the train of</i>		6	Graphical solutions
<i>Equation or E</i>		7	Existence of solutions
<i>Characteristic</i>			
1	Ordinary	B34	Continuous groups
2	Simultaneous	B35	Differential forms
3	Total differential	B36	Infinite series
4	Partial	B361	Sequences
5	Integral	B362	Series of positive terms
<i>Divisions based on the train of</i>		B363	Alternating series
<i>Degree or D</i>		B365	Infinite products
<i>Characteristic</i>		B369	Divergent series
1	Linear	<i>Special series by the Chronological Device (illustrative)</i>	
2	Quadratic	B36M22	Fourier's
3	Cubic	B36M39	Dirichlet's
4	Quartic		
5	Quintic	B37	Real variable
6	Sextic	B37 [V] : [P]	
7	<i>n</i> th degree	<i>Divisions based on the train of</i>	
<i>Divisions based on the train of</i>		Variable or V	
<i>Order or O</i>		<i>Characteristic</i>	
<i>Characteristic</i>		1	Single variable
1	First	2	Two variables
2	Second	7	<i>n</i> variables
3	Third	<i>Divisions based on the train of</i>	
4	Fourth	Problem or P	
5	Fifth	<i>Characteristic</i>	
6	Sixth	1	Integrals
7	<i>n</i> th	<i>Special theories by the Chronological Device (illustrative)</i>	
<i>Divisions based on the train of</i>		1M23	Cauchy integrals
<i>Problem or P</i>		1M54	Riemann integrals
<i>Characteristic</i>			
1	Numerical solutions		
5	Formal solutions		
52	Algebraic theory		
53255	Solution by definite integrals		

MATHEMATICS

1N02	Lebesgue integrals	5	Distribution of values
2	Analytic representation	59	Exceptional values
22	As a continued fraction	6	Conformal representation and uniformisation
23	As a definite integral		
26	As an infinite series	7	Maximum - minimum principles
265	As an infinite product		
4	Singularities	8	Inequalities and mean values
5	Distribution of values		
7	Maximum-minimum principles	92	Families of functions
8	Inequalities and mean values	B39	Special functions
92	Families of functions	B391	Elementary functions defined by a finite number of algebraic operations
B38	Complex variable		
	B38 [V]: [P]		
	<i>Divisions based on the train of</i>		
	Variable or V		
	<i>Characteristic</i>		
1	Single variable	B392	Integrals of algebraic functions
2	Two variables		
7	<i>n</i> variables		
	<i>Divisions based on the train of</i>		
	Problem or P		
	<i>Characteristic</i>		
1	Cauchy's theorem and complex integration		
2	Analytic representation		
22	Approximation by polynomials		
23	As a contour integral		
26	As an infinite series		
265	As an infinite product		
3	Analytic continuation		
4	Singularities		
41	Poles		
45	Essential singularities		
			<i>Subdivisions by the Chronological Device (illustrative)</i>
		B392L57	Hyperbolic functions
		B392L84	Elliptic functions
		B392M26	Hyperelliptic functions
		B392N11	Prym functions
		B393	Functions defined by contour integrals
			<i>Subdivisions by the Chronological Device (illustrative)</i>
		B393L30	Eulerian functions, gamma functions

MATHEMATICS

B393M09 Lie functions

B393M24 Bessel functions, cylindrical harmonics

B394 Functions defined by differential and integral equations

*Subdivisions by the
Chronological Device
(illustrative)*

B394L85 Laplace function, Legendere function, spehrical harmonics

B394M28 Green's function, harmonic function

B394M39 Lamé's function, ellipsoidal harmonics

B394M73 Mathieu's functions

B396 Functions defined by infinite series and products

*Subdivisions by the
Chronological Device
(illustrative)*

B396M12 Hypergeometric series, Hermite's functions

B396M31 Integral functions

B396M59 Zeta function

B397 Functions defined by groups, automorphic functions

B398 Functions of position defined in the manner of Riemann

B399 Functions qualitatively defined

B399M42 Meromorphic functions

B399N17 Quasi-analytic functions

B399N23 Almost periodic functions

B4 OTHER METHODS

B41 Calculus of finite differences

B42 Calculus of variations

B43 Calculus of functional analysis

B44 Graphical calculus and nomography

B45 Quaternions

B46 Vector analysis etc.

B463 Tensor calculus and absolute calculus

B466 Vector analysis

B48 Operational calculus

B491 Mathematical calculations

B5 TRIGONOMETRY

B52 Plane trigonometry

B53 Spherical trigonometry

MATHEMATICS

B6 GEOMETRY

B6 [S]: [M]

*Divisions based on the train of
Space or S
Characteristic*

- | | |
|---|--|
| <p>1 Foundations
 2 Plane
 21 Configurations essentially made up of points and straight lines only
 22 Curves of the second degree
 23 Curves of the third degree
 24 Curves of the fourth degree
 25 Curves of the fifth degree
 27 Algebraic curves in general
 28 Transcendental curves
 3 Three dimensions
 31 Configurations essentially made up of points, straight lines and planes only
 32 Surface of the second degree
 33 Cubic surface
 34 Quartic surface
 36 Curves in space
 36M47 Knots
 4 Four dimensions
 5 Five dimensions</p> | <p>7 <i>n</i> dimensions
 9 Non-Euclidean
 91 Elliptic
 92 Hyperbolic
 M46 Line-complex</p> |
|---|--|

*Divisions based on the train of
Method or M
Characteristic*

- | | |
|--|--|
| <p>1 Enumerative
 2 Algebraic
 23 Elementary co-ordinate geometry
 25 Algebraic geometry with the use of higher algebra
 3 Differential geometry
 32 Infinitesimal geometry
 34 With the aid of vectors
 35 Higher differential geometry
 4 Practical geometry
 5 Descriptive geometry
 6 Pure geometry
 7 Projective geometry including differential projective geometry</p> | <p>1 Enumerative
 2 Algebraic
 23 Elementary co-ordinate geometry
 25 Algebraic geometry with the use of higher algebra
 3 Differential geometry
 32 Infinitesimal geometry
 34 With the aid of vectors
 35 Higher differential geometry
 4 Practical geometry
 5 Descriptive geometry
 6 Pure geometry
 7 Projective geometry including differential projective geometry</p> |
|--|--|

B7 MECHANICS

*Divisions based on the train of
Matter or M
Characteristic*

- | | |
|--|--|
| <p>1 Solids
 11 Particles
 117 Systems of particles.
 Chains
 12 Surfaces</p> | <p>1 Solids
 11 Particles
 117 Systems of particles.
 Chains
 12 Surfaces</p> |
|--|--|

MATHEMATICS

127	Systems of surfaces.	222	Multiple forces
	Flexible surfaces	224	Impulses
13	Rigid bodies	24	Constrained motion
137	Systems of rigid bodies. Jointed frames	25	Irrotational
15	Elastic bodies	251	Streamline
19	Special systems	253	Turbulent
192	Tops. Gyroscopes	254	Discontinuous
193	Ballistics	26	Rotational
196	Pendulums	291	Motion of solids (in liquids and gases)
5	Liquids	3	Equilibrium.
51	Perfect		Statics
55	Compressible	391	Floating bodies
56	Viscous	5	Vibrations
8	Gases	55	Waves
		61	Tautochrones
		63	Brahystochrones
		66	Isochronism

Divisions based on the train of Problem or P Characteristic

1	Fundamental principles
11	Inertia
111	Centre
112	Moments and axes
12	D'Alembert's
13	Hamilton's. Least action
15	Archimedes'
151	Centre of pressure
162	Virtual velocity
163	Virtual work
2	Motion. Dynamics
21	Kinematics
22	Kinetics
221	Single force. Central forces

B8 PHYSICO-MATHEMATICS

B82	Potential function and attraction
B85	Wave function

B9 ASTRONOMY

B9 [B] : [P]

Divisions based on the train of Body or B Characteristic

1	Earth
2	Moon
3	Sun
4	Planets
41	Mercury and infra-Mercurial
42	Venus
43	Mars

MATHEMATICS

44	Asteroids	161	Sidereal time
45	Jupiter	162	Local time
46	Saturn	165	Standard time
47	Uranus	17	Calendars
48	Neptune	18	Eras
49	Trans-Neptunian	2	Geodetic astronomy
5	Meteors and comets	21	Geographical positions
51	Meteors	22	Meridian
52	Comets	23	Longitude
55	Zodiacal light	24	Latitude
6	Stars	5	Spherical astronomy
61	Constellation stars	51	Celestial sphere and coordinates
62	Double stars	52	Reduction to centre of earth
63	Multiple stars	521	Refraction
64	Clusters and nebulæ	5212	Dip of horizon
641	Milky way	5215	Twilight
7	Planetary systems	522	Parallax
78	Satellites	53	Correction for movement of earth
<i>Divisions based on the train of Problem or P Characteristic</i>		531	Aberration
1	Chronology	532	Annual parallax
11	Year	535	Star reduction
112	Lunar year	55	Position of the pole
113	Solar year	56	Ecliptic
12	Month	57	Eclipses
122	Lunar month	575	Occultations
123	Solar month	578	Transits
13	Week	58	Calculations of ephemerides
14	Day	6	Physical astronomy, astrophysics
143	Solar day	61	Position
1431	True solar day	611	Movement
1432	Mean solar day	62	Constants
1435	Equation of time	621	Dimensions and figure
146	Sidereal day		
15	Subdivision of day		
16	Time reckoning		

MATHEMATICS

622	Mass	7	Theoretical astro-
623	Density		nomy, celestial me-
624	Distance		chanics
63	Rotation and surface	72	Orbits
631	Rotation	73	Problem of three
635	Surface		bodies
6358	Atmosphere	74	Perturbations, plane-
			tary theory
642	Temperature	75	Perturbations, lunar
643	Radiation		theory
652	Brightness	76	Rotation and figures of
653	Spectroscopy		equilibrium
		77	Perturbed rotation
67	Age	78	Tides
68	Constitution	8	Cosmogony

C PHYSICS

<i>Canonical divisions</i>					
	C1 Fundamentals				8 Gases
	C2 Properties of matter				85 Molecular rays
	C3 Sound				86 Corpuscular rays
	C4 Heat				863 Canal rays, α rays
	C5 Light, radiation				866 Cathode rays, β rays
	C6 Electricity				
	C7 Magnetism				<i>Divisions based on the train of</i>
	C8 Cosmic hypotheses				Problem or P
	(time, space, energy, matter)				Characteristic
	C1 Fundamentals			1	Density
				2	Hardness, touch, taste, smell
				5	Elasticity
3	Matter			51	Elongation
31	Weight			52	Bending
38	Gravitation			53	Elasticity of volume
4	Energy			55	Elasticity of shape
5	Space			6	Capillarity etc.
51	Linear dimensions			61	Capillarity
52	Areas			62	Surface tension
53	Volumes			63	Viscosity
6	Time			7	Pressure
	C2 PROPERTIES OF MATTER			76	Vacuum
	C2 [S] : [P]				C3 SOUND
	<i>Divisions based on the train of</i>				C3 [W] : [P]
	State or S				<i>Divisions based on the train of</i>
	Characteristic				Wave length or W
1	Solids				Characteristic
16	Crystals			1	Audible sound
5	Liquids			2	Infra sound
				5	Ultra sound

PHYSICS

*Divisions based on the train of
Problem or P
Characteristic*

1	Propagation
11	Velocity
12	Reflection
13	Refraction
2	Intensity
3	Pitch etc.
31	Pitch
33	Musical scale
35	Resonance
358	Resonators
38	Analysis
5	Beats, diffraction, interference
8	Nature

C4 HEAT

*Divisions based on the train of
Problem or P
Characteristic*

1	Transference
13	Convection
14	Conduction
15	Radiation
2	Thermometry
21	Low temperature measurement
27	Pyrometry (high temperature measurement)
29	Thermometers
3	Calorimetry etc.
31	Calorimetry
32	Quantity of heat
33	Specific heat

4	Expansion of bodies
5	Change of state
51	Fusion
511	Solidification
512	Melting point
513	Change of volume during fusion
514	Latent heat of fusion
52	Sublimation
55	Vaporization, evaporation, ebullition
551	Liquefaction
552	Boiling point
554	Latent heat of vaporization
58	Critical state
582	Critical point

7	Thermodynamics
71	First law
714	Mechanical equivalent of heat
72	Second law
722	Absolute temperature
73	Third law
8	Nature of heat

C5 LIGHT, RADIATION C5 [W] : [P]

*Divisions based on the train of
Wave length or W
Characteristic*

1	Visible rays
12	Red
13	Orange
14	Yellow
15	Green

PHYSICS

- 16 Blue
- 17 Indigo
- 18 Violet
- 2 Ultra violet rays
- 3 X-rays
- 4 Gamma rays
- 5 Cosmic rays
- 6 Infra red rays
- 7 Hertzian waves

*Divisions based on the train of
Problem or P
Characteristic*

- 1 **Propagation**
- 11 Velocity
- 12 Reflection
- 13 Refraction
- 2 **Photometry**
- 3 **Dispersion, spectroscopy**
- 31 Technique of the spectrum
- 32 Continuous spectrum
- 33 Band spectrum
- 34 Line spectrum
- 38 Effects

*Special effects by the
Chronological Device
(illustrative)*

- 38M76 Kerr effect
- 38M96 Zeeman effect
- 38N13 Stark effect
- 38N23 Compton effect
- 38N28 Raman effect

5 **Interference etc.**

- 51 Interference
- 55 Diffraction
- 58 Scattering

6 **Double refraction and polarization**

- 65 Elliptic polarization
- 68 Rotatory polarization

7 **Absorption etc.**

- 71 Absorption
- 72 Emission
- 73 Fluorescence
- 74 Phosphorescence

8 **Nature of light**

*Special theories by the
Chronological Device
(illustrative)*

- 8K75 Corpuscular theory
- 8K90 Wave theory
- 8M00 Elastic solid theory
- 8M65 Electromagnetic theory

C6 ELECTRICITY

C6 [E] : [P]

*Divisions based on the train of
Electricity or E
Characteristic*

2 **Current electricity**

- 23 Direct current
- 24 Alternating current
- 242 Two-phase
- 243 Three-phase
- 248 Multiphase
- 25 Weak current

3 **Statical electricity**

*Divisions based on the train of
Problem or P
Characteristic*

- 1 **Production, storage, propagation**
- 11 Primary cells

PHYSICS

- | | |
|---|--|
| <p>12 Induction</p> <p>14 Conduction</p> <p>141 Dielectrics</p> <p>15 Radiation</p> <p>18 Secondary cells.
Storage</p> <p>2 Potential</p> <p>3 Measurement</p> <p>4 Transformation in-
to other forms of
energy.</p> <p>44 Thermo-electricity</p> <p>45 Photo-electricity</p> <p>47 Magneto-electricity</p> <p>8 Nature of electri-
city</p> <p>C7 MAGNETISM
C7 [M] : [P]</p> <p><i>Divisions based on the train of
Magnetism or M
Characteristic</i></p> <p>2 Dia magnetism</p> <p>3 Para magnetism</p> <p>4 Ferro magnetism</p> <p>5 Terrestrial magne-
tism</p> <p><i>Divisions based on the train of
Problem or P
Characteristic</i></p> <p>2 Intensity</p> <p>8 Nature</p> <p>C8 COSMIC HYPOTHESES
(Time, space, energy, matter)</p> <p><i>Special theories by the
Chronological Device
(illustrative)</i></p> <p>C81 Time, space</p> | <p><i>Special theories by the
Chronological Device
(illustrative)</i></p> <p>C81N05 Relativity (special)</p> <p>C82 Energy, matter
<i>Special theories by the
Chronological Device
(illustrative)</i></p> <p>C82N26 Wave mechanics,
statistical mecha-
nics</p> <p>C83 Matter
<i>Special theories by the
Chronological Device
(illustrative)</i></p> <p>C83M57 Kinetic theory</p> <p>C83M95 Electron theory</p> <p>C83M96 Radioactivity</p> <p>C84 Energy
<i>Special theories by the
Chronological Device
(illustrative)</i></p> <p>C84K86 Gravitation</p> <p>C84M60 Ether theory</p> <p>C84M65 Electromagnetic
theory</p> <p>C84N01 Quantum theory</p> <p>C85 Space</p> <p>C86 Time</p> <p>C8N05 Relativity
(general)</p> |
|---|--|

D ENGINEERING

D [W]: [P]: [E]

D6—[S]: [P]: [E]

<i>Divisions based on the train of</i>			
	Work or W		
	<i>Characteristic</i>		
1	Building and building material	411	Roads, highways
11	Wood	4111	Wood paved
12	Earth	4112	Earth
124	Refractory materials	4113	Macadam
13	Brick	41131	Water bound
14	Stone	41132	Tar bound
141	Granite	4114	Stone paved
143	Sand stone	4115	Cement
15	Cement	4116	Reinforced concrete
16	Reinforced concrete	4117	Asphalt
18	Steel and other metals	4119	Other kinds
19	Others	415	Rail roads
191	Plywood	4151	Street railways
194	Caves	4152	Light railways
2	Irrigation and drainage work	4153	Ordinary railways
24	Underground water	41531	Narrow gauge
26	River	41532	Metre gauge
27	Tank	41533	Standard gauge
28	Drainage	41534	Broad gauge
284	Subsoil	4154	Underground rail-ways
3	Mining	4156	Mountain railways
4	Transport—track	416	Bridges
41	Land transport	4161	Wooden
		4162	Suspension
		4163	Masonry
		4164	Stone
		4165	Culverts
		4166	Reinforced concrete
		4168	Steel
		4169	Other bridges

ENGINEERING

41698	Cantilever	515328	Trucks for heavy goods
4194	Tunnels	51533	Passenger carriages
42	Water transport	515331	Saloons
421	Inland canal	515332	Higher class carriages
423	River	515333	Lower class carriages
424	Inter-oceanic canal	515334	Military carriages
425	Ocean	515335	Dining cars
4254	Submarine	515336	Tourist carriages
43	Air transport	52	Water transport vehicles
44	Rope ways	521	Boats
5	Transport—vehicles	523	Steam boats
51	Land transport vehicles	525	Ships
511	Vehicles carried by muscular power	5251	Sailing ships
5111	Palanquin	5253	Steam and motor ships
5112	Chairs	52532	Cargo ships
5113	<i>Dohes</i>	525325	Old ships
512	Vehicles drawn by muscular power	52533	Passenger ships
5121	Country carts	52534	Men-of-war
5122	Spring carts	5254	Submarines
5125	Cycles	53	Air vehicles
513	Vehicles drawn by mechanical power	531	Air vehicles lighter than air
5132	Motor trucks	535	Air vehicles heavier than air
5133	Motor cars	54	Stratosphere vehicles
5135	Motor cycles	6	Mechanical engineering
515	Railroad vehicles	62	Principles of mechanism and special devices
5151	Tram cars	621	Shafting
5153	Railway carriages		
51532	Railway trucks		
515321	Open trucks		
515322	Parcel vans		
515323	Animal van		
515325	Oil vans		

ENGINEERING

6211	Shaft	64	Heat engines
62115	Flexible shaft	641	External combustion engines, steam engines
6212	Bearings		
62121	Journal bearings		
62122	Pillow blocks, hanger brackets	643	Piston engines
		645	Turbines
62123	Pivot bearings		
62124	Collar bearings	646	Internal combustion engines
62125	Ball and roller bearings	6465	Oil engines
		6466	Diesel engines
622	Belt gearing	6467	Gas engines
6221	Pulleys	6468	Hot air engines
6222	Belting		
6223	Belt shifters	66	Electrical engineering
6224	Rope transmission		
6225	Chain gearing	663	Direct current
6226	Link belting	664	Alternating current
623	Toothed gearing, cams	6642	Two-phase
		6643	Three-phase
624	Screws	6648	Multi-phase
625	Springs	665	Weak current
626	Valve gear	666	Wireless, high frequency
627	Lubrication		
6291	Governors, regulation and control	8	Municipal and sanitary engineering
6292	Speed and revolution indicators	85	Water supply
6296	Dynamo-meters	851	Sources and head works
635	Hydraulic engineering	8514	Underground
		85141	Wells
6351	Water wheel	85144	Artesian wells
6353	Piston engines	8517	Rivers
6355	Turbines	8518	Reservoirs, tanks, lakes
638	Pneumatic engineering	854	Pollution
6381	Windmill	855	Purification
6385	Turbines	8551	Mechanical treatment
6387	Compressed air		

ENGINEERING

85511	Settling			<i>Divisions based on the train of Part or P Characteristic</i>
85512	Filtration			
855121	Natural			
855122	Sand			
855128	Domestic filters			<i>(For 1 Building and its subdivisions)</i>
8552	Physical treatment	1		Earth work
85525	Ultra violet ray	2		Foundations
85526	Electrical	3		Floor
8553	Chemical treatment	4		Supports
		41		Walls
		45		Pillars
		5		Stair ways
		6		Roofs
		61		Beams and trusses
		62		Rafters
		63		Roof covering
		7		Windows
		72		Window frames
		75		Window gratings
		78		Window shutters
		8		Doors
		82		Door frames
		85		Hinges
		88		Door proper
		89		Fastening devices
		9		Ventilation, etc.
		91		Domestic water supply
		92		House drainage
		93		Ventilation
		94		Heating, cooling
		95		Lighting
		98		Sanitary fittings
		996		Lightning protection
				<i>(For 2 Irrigation and its subdivisions)</i>
856	Distribution			
8561	Pumping station			
8562	Water tower			
8564	Pipes			
85641	Main pipes			
85645	House connections			
85698	Prevention of waste			
86	Sewage			
862	House connection			
864	Sewers			
865	Pumping station			
866	Sewage disposal			
8662	Irrigation, sewage farms			
8664	Disposal into streams, sea, etc,			
8665	Purification			
8666	Septic tanks			
88	Municipal refuse and waste			
882	House collections			
885	Street cleaning	1		Source, catchment
886	Refuse disposal	2		Head works

ENGINEERING

3	Surplus works	7	Dangers and accidents
4	Distributive works		
5	Cross- d r a i n a g e works.	71	Fire damp
		72	Mine fires
8	Flood protecting and river training work	73	Crushing and fall of ground
	(For 3 Mining and its subdivisions)	74	Flooding
		75	Accidents to miners
1	Preliminaries	76	Rescue and relief
11	Excavation	92	Drainage
12	Quarrying	93	Ventilation
13	Drilling, blasting	94	Heating, cooling
14	Deep boring	95	Lighting
15	Shaft sinking		(For 411 Roads and its subdivisions)
16	Tunnelling and drifting	1	Earth work
17	Stoping	2	Foundation
18	Timbering, masonry lining	3	Surface
		4	Gradients
2	Ore dressing	5	Curves
21	Preliminary operations	6	Pavements
22	Hand dressing	7	Berms, avenue, etc.
23	Crushing, stamping engine	8	Gates, traps
		9	Other parts
24	Screening	92	Drainage arrangement
25	Jigging, ore concentrators	94	Signals
			(For 415 Railways and its subdivisions)
26	Slime treatment	1	Earth work
27	Magnetic separation	2	Foundation
28	Washing	3	Surface
29	Dressing works	31	Ballast
4	Hoisting, transport	33	Sleepers
44	Underground roads	35	Rails
45	Vehicles	4	Gradients
46	Haulage	5	Curves
47	Hoist and elevators	6	Banks, cuttings
48	Surface transport		

ENGINEERING

7	Berms	5	Springs
8	Station yards	6	Body
85	Points and crossings	61	Steps
87	Platforms	63	Floor
9	Other parts	64	Supports
92	Drainage	65	Stairways
94	Signals	66	Roof
	(For 416 Bridges and its subdivisions)	67	Windows
		68	Doors
1	Earth work	7	Propelling arrangement
2	Foundation	8	Braking arrangement
4	Piers, abutments and wing walls		
5	Wind bracings, parapets, etc.		<i>Divisions based on the train of Secondary work or S</i>
6	Bridge proper		<i>Characteristic</i>
8	Approaches, river training works		(For 6 Mechanical Engineering and its subdivisions)
	(For 42 Waterways and its subdivisions)	1	Generation
		2	Transmission
1	Earth work, dredging	3	Transformation
4	Locks	4	Traction
7	Towpaths		(To be subdivided on the analogy of Work Division 5)
8	Harbours	5	Illumination
87	Jettys, piers	6	Machinery
88	Docks	7	General machinery
94	Signals	71	Lifts
	(For 43 Airways and its subdivisions)	711	Jacks, derricks
		712	Elevators
8	Aerodromes	72	Hoisting machinery
94	Signals	73	Conveying machinery
	(For 5 Vehicles and its subdivisions)	74	Pressing machinery
		8	Workshop machinery
1	Wheels and tyres	81	Planing machines
2	Axle		

ENGINEERING

811	Planers	9MJ381	Rice husking machines
812	Shapers		
813	Slotting machines		
814	Grooving machines		<i>Subdivisions of divisions based on the train of</i>
82	Turning machines		Secondary work or S
821	Lathes		<i>Characteristic (illustrative)</i>
824	Screw cutting machines		<i>(For 64 Heat engines and its subdivisions)</i>
825	Milling machines		
831	Saws	1	Generation
835	Shears	12	Engine room
84	Perforating machines	121	Engine
		15	Fuel
841	Punching machines		<i>(For 66 Electrical engineering and its subdivisions)</i>
8418	Multiple punching machines	1	Generation
845	Drilling machines	11	Prime mover and its adjuncts
851	Filing machines		
852	Emery wheels	1135	Hydraulic
853	Grind stones	114	Heat engine
854	Abrasives	12	Generating room
86	Bending machines including straightening machines	121	Generator
			<i>Special types indicated by Chronological Device</i>
87	Hammers	122	Cables to the bus room
88	Crushing machines		
9	Other machinery	123	Metering transformers
	<i>Divisions by the Subject Device (Illustrative)</i>	1234	Circuit breakers
9D201	Excavating machinery	125	Switth-gear
9D85	Pumping machinery	126	Condenser well
9M14	Printing machinery	13	Bus structure
9M7	Textile machinery	131	Buses
9MC421	Refrigerating machinery	132	Feeders
		133	Metering transformers
		134	Circuit breakers
9MJ38	Flouring machines	14	Transformers

ENGINEERING

15	Switch-gear	113	Frames
16	Control room	114	Moving loads
18	Storage	115	Retaining walls
2	Transmission	116	Slabs
21	Overhead	117	Arches
24	Underground	118	Wind stresses
254	Submarine	13	Graphical statics
29	Special problems	15	Hydraulics
291	Corona	151	Catchment
292	Insulation	155	Flow
294	Short circuits	1551	In pipes
296	Lightning protection	1552	In channels
3	Transformation	18	Pneumatics
31	Voltage	185	Flow
32	Current	1851	In tubes
33	Frequency	1858	Air currents
34	Phase	2	Surveying
36	A. C. to D. C. and <i>vice versa</i>	21	Levelling
38	Motors	22	Land surveying
4	Transport	221	Theodolite survey
		28	Aerial surveying
<i>In addition to the divisions under</i>		32	Strength of materials
<i>'5 transport' the following</i>			
<i>are to be used</i>		35	Elastic stability
45	Television	4	Design, drawing
47	Telegraphy	5	Specifications, quantities
48	Telephony	6	Estimates, values
485	Broadcasting	7	Construction, execution
<i>Divisions based on the train</i>			
<i>of Engineering or E</i>		71	Earthwork and excavation
<i>Characteristic</i>			
1	Applied mechanics	78	Measurements
11	Structural mechanics	8	Working, etc.
		81	Testing
111	Beams, cantilevers	82	Maintenance
112	Columns	825	Renewals

ENGINEERING

83	Working	e211	Voltage detectors
85	Repairs	e3	Current meters
<i>Divisions of Common Sub-</i>		e31	Ammeters
<i>division digit 'e'</i>		e32	Coulombmeters
<i>(illustrative)</i>		e33	Ampere hour meters
<i>(For Work Division 66)</i>		e34	Voltameters
e1	Resistance meters	e4	Quantity meters
e11	Ohm meters	e41	Watt meters
e12	Resistance-boxes	e5	Energy meters
e16	Wheatstone's bridge	e51	Watt-hour meters
e2	Voltage meters	e52	Power-factor meters
e21	Voltmeters		

E CHEMISTRY

E [P]: [S]

<i>Divisions based on the train</i>		231	Alloys
<i>of Problem or P</i>		232	Absorption, surface
<i>Characteristic</i>			phenomena
1	General	235	Colloids
11	Preparation	236	Emulsions
13	Isomorphism	237	Osmosis
14	Atomic weight, mole-	238	Aerosol
	cular weight	2381	Occlusion
17	Periodic system	24	Thermochemistry
2	Physical chemistry	25	Photochemistry
21	Chemical combina-	26	Electrochemistry
	tion and action	27	Magnetochemistry
211	Laws of chemical	28	Stereochemistry, etc.
	combination	281	Allotropy
213	Statics and dyna-	282	Isomerism
	mics of chemical	296	Radio chemistry
	action	3	Analytical chemis-
2131	Combustion, flame		try
2133	Phase rule	33	Qualitative
2136	Ionisation	34	Quantitative
214	Chemical affinity	35	Volumetric
215	Valency	36	Gravimetric
22	Solutions	39	Micromethods
2201	Solubility		
2204	Thermal effect		<i>Subdivisions applicable to</i>
2205	Photo effects		<i>3 and its divisions</i>
2206	Electrical effect	04	Thermo methods
2207	Magnetic effect	05	Photo methods
221	Solids	06	Electro methods
225	Liquids		
228	Gases	4	Synthesis
23	Mixtures	5	Extraction

CHEMISTRY

7 Biochemistry

(All the divisions of E based on the train of P Characteristic are applicable to '7 Biochemistry')

8 Manipulation

81 Oxidation, reduction
82 Hydration, dehydration

831 Crystallisation

832 Sublimation

835 Distillation

84 Manipulation of temperature

85 Indicator and test paper

856 Polarisation

86 Electrical methods

87 Fermentation

871 Direct

872 Indirect

877 Symbiotic

88 Catalysis

89 Other methods

891 Reagents

892 Filtration

893 Assaying

896 Glass-blowing

897 Absorption

898 Recovery of waste

91 Nomenclature, classification

95 Protection, painting, colouring

Divisions based on the train of Substance or S Characteristic

1 Inorganic substances

10

100

101

102

104

106

109

11

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1109

111

112

1129

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1179

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1279

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130

Group 0

Helium (He)

Neon (Ne)

Argon (A)

Krypton (Kr)

Xenon (Xe)

Radon (Rn)

Niton (Nt)

Group 1

Hydrogen (H)

Lithium (Li)

Sodium (Na)

Potassium (K)

Ammonium

Copper (Cu)

Rubidium (Rb)

Silver (Ag)

Cesium (Cs)

Dysprosium (Dy)
or (Ds)

Holmium (Ho)

Gold (Au)

Group 2

Beryllium (Be)

Magnesium (Mg)

Calcium (Ca)

Zinc (Zn)

Strontium (Sr)

Cadmium (Cd)

Barium (Ba)

Erbium (Er)

Thulium (Tm) or
(Tu)

Mercury (Hg)

Radium (Ra)

Group 3

Boron (B)

CHEMISTRY

131	Aluminium (Al)	161	Sulphur (S)
132	Scandium (Sc)	162	Chromium (Cr)
133	Gallium (Ga)	163	Selenium (Se)
134	Yttrium (Yt) or (Y)	164	Molybdenum (Mo)
135	Indium (In)	165	Tellurium (Te)
136	Lanthanum (La)	166	Samarium (Sm)
137	Ytterbium (Yb)	1669	Europium (Eu)
1379	Lutecium (Lu)	167	Tungsten (W)
138	Thallium (Tl)	168	Polonium (Po)
139	Actinium (Ac)	169	Uranium (U)
14	Group 4	17	Group 7
140	Carbon (C)	170	Fluorine (F)
141	Silicon (Si)	171	Chlorine (Cl)
142	Titanium (Ti)	172	Manganese (Mn)
143	Germanium (Ge)	173	Bromine (Br)
144	Zirconium (Zr)	174	Masurium (Ma)
145	Tin (Sn)	175	Iodine (I) or (J)
146	Cerium (Ce)	176	Gadolinium (Gd)
1469	Praseodymium (Pr)	1769	Terbium (Tb)
147	Celtium (Ct) or (Hf)	177	Rhenium (Re)
148	Lead (Pb)	18	Group 8
149	Thorium (Th)	182	Iron (Fe)
15	Group 5	1829	Nickel (Ni)
150	Nitrogen (N)	183	Cobalt (Co)
151	Phosphorus (P)	184	Ruthenium (Ru)
152	Vanadium (V)	1849	Palladium (Pd)
153	Arsenic (As)	185	Rhodium (Rh)
154	Columbium (Cb) Niobium (Nb)	187	Osmium (Os)
155	Antimony (Sb)	1879	Platinum (Pt)
156	Neodymium (Nd)	188	Iridium (Ir)
157	Tantalum (Ta)	191	Metals
158	Bismuth (Bi)	1911	Noble metals
159	Protoactinium (Pa)	1917	Radio-active metals
16	Group 6	192	Rare elements
160	Oxygen (O)	193	Alloys
		195	Non-metals
		196	Isotopes
		198	Air, gases

CHEMISTRY

2	Hydroxyls, basic oxides	64	Di-olefines or allenes
	<i>(To be divided by the constituent element and its valency)</i>	641	Allenes
27	Binaries other than water, which are neither hydroxyls nor acids nor salts	65	Acetylene series
	<i>(To be divided successively by the two constituent elements and their respective valencies)</i>	651	Acetylene
		652	Allylene
		658	<i>n</i> th homologue
		67	Alcyclic compounds; camphors and terpenes
3	Acids, acidic oxides	68	Carbohydrates
	<i>(To be divided by the constituent element and its valency)</i>	681	Monosaccharides
4	Salts	6811	Pentoses (arabinose)
	<i>(To be divided by the constituent elements and their respective valencies)</i>	6813	Hexoses (glucose)
		682	Disaccharides
		6821	Maltose
		683	Trisaccharides
		688	Polysaccharides
		6891	Pentosans
5	Organic substances	6892	Starch
6	Aliphatic compounds	6893	Gums
		6894	Cellulose
		6898	Glucosides
61	Paraffins	7	Aromatic compounds
611	Methane	71	Aromatic hydrocarbons
612	Ethane	711	Benzene
613	Propane	712	Naphthalene
614	Butanes	713	Anthracene
615	Pentanes	72	Reduced aromatic compounds
616	Hexanes	8	Heterocyclic compounds
618	<i>n</i> th homologue	9	Bio-substances
63	Olefines	92	Alkaloids
632	Ethylene		
633	Propylene		
634	Butylenes		
638	<i>n</i> th homologue		

CHEMISTRY

			<i>Other substances by the Subject Device Divisions based on the train of Combination or C Characteristic (For substance numbers 5, 6, 7 and 8)</i>
92J	Vegetable alkaloids		
92K	Animal alkaloids		
92Z	Proteins		
92ZJ	Vegetable proteins		
92ZK	Animal proteins		
94	Fats		
95	Pigments	1	Halogen derivatives
96	Lipins	2	Hydroxyls alcohols phenols
97	Vitamins		
971	Vitamin A	28	Derivatives of alcohol
972	Vitamin B		
973	Vitamin C	281	Ethers
974	Vitamin D	283	Aldehydes
975	Vitamin E	285	Ketones
977	Vitamin G		
981	Chlorophyll	3	Organic acids
9814	Porphyrine	38	Derivatives of acids
982	Enzymes	383	Esters
9821	Oxidases	385	Anhydrides
9822	Hydrolytic enzymes	5	Nitrogen com- pounds
986	Hormones		
993	Creatine and creati- nine	51 537	Amino-compounds Azo-compounds
994	Pectin	55	Diazo-compounds
996	Sterids	57	Nitro-compounds
998	Tannin	59	Other nitrogen com- pounds
		591	Cyanogen com- pounds
		6	Sulphur com- pounds
		8	Compounds with other elements

F TECHNOLOGY

F [S]: [P]

<i>Divisions based on the train of</i>		56	Drugs
Substance or S		57	Textiles
<i>Characteristic</i>		573	Artificial silk
<i>Same as in E Chemistry and</i>		58	Dyes
<i>in addition the following</i>		5895	Paints
4414	Refractory materi- als	5897	Tanning materials
4416	Enamels	594	Poisons
527	Celluloid	596	Spices, condiments
54	Alcohols	5964	Vinegar
547	Wines	943	Edible oils
548	Beer	9491	Candles
55	Fuels	9495	Drying oils
551	Coal	9496	Soaps
555	Petroleum		
5552	Petrol		
558	Fuel gas		
5591	Matches		
5594	Explosives		

G NATURAL SCIENCE (GENERAL) AND BIOLOGY

G [O]:[P]

<i>Divisions based on the train of Organ or O Characteristic</i>		<i>Divisions based on the train of Problem or P Characteristic</i>	
1	Basic and regional Life	1	Preliminaries
11	Cells	11	Nomenclature, clas- sification
111	Cell membrane	12	Natural history
1115	Cilia	13	Popular description
112	Cytoplasm	14	Pictures
1121	Cytoplasm proper	17	Collecting
1122	Centrosome	18	Lists
1123	Chondriosomes	19	Microscopy
1124	Metaplastic bodies	192	Sectioning
113	Nucleus	195	Fixing
1131	Nuclear membrane	196	Mounting
1132	Chromatin	198	Staining
1133	Linin	1995	Microphotography
1134	Nuclear sap, karyo- lymph	2	Morphology
1135	Nucleoli	3	Physiology
11351	Karyosome	33	Metabolism
11352	Plasmosome	331	Anabolism
1137	Golgi apparatus	332	Katabolism
116	Gene	33C	Physical effects
12	Tissues	33C2	Material vibration and movement
<i>Other organ numbers same as in L Medicine and I Botany as the case may be.</i>		33C4	Heat production
		33C5	Radiation produc- tion, Mitogenetic- radiation

NATURAL SCIENCE (GENERAL) AND BIOLOGY

33C6	Electrical effects	573	Nutrition
33C7	Magnetic effects	575	Cleanliness, toilet
33E	Chemical effects	576	Regulation of habits
341	Inanition	58	Migration
345	Water fasting	59	Other habits
346	Fasting	6	Genetics, phylo-
	<i>Each of the above three to be</i>		geny
	<i>divided as 33</i>	61	Heredity
394	Fatigue	62	Variation
4	Pathology	63	Mutation
	<i>(To be subdivided as in</i>	64	Hybridisation
	L Medicine)	65	Survival of the fittest
5	Ecology	66	Evolution
51	Preliminaries	67	R e p r o d u c t i v e
511	Nomenclature, clas-		methods
	sification	671	Abiogenesis
52	State control. Con-	674	Parthenogenesis
	servation	675	Sexual
54	Prevention of disea-	676	Asexual
	ses and injuries	677	Alternation of gene-
55	Environment		rations
551	Ground	7	Ontogeny
555	Water	71	Fertilisation
556	Season	72	Germination
5561	Spiring	73	Embryology
5563	Summer	75	Growth after birth
5565	Autumn	751	New born
5567	Winter	752	Toddler
558	Air	753	Infant
56	Interrelation	755	Pre-adolescent
563	Parasitism	76	Adolescent
565	Intolerance, struggle	77	Adult
567	Symbiosis	78	Old age
571	Abode	791	Death

H GEOLOGY

<i>Canonical divisions</i>		<i>Subdivisions as in</i>	
		G Biology	
		<i>and the following</i>	
		<i>additional divisions</i>	
H1	Mineralogy		
H2	Petrology		
H3	Structural geology		
H4	Dynamic geology	15	Prospecting
H5	Stratigraphy	155	Occurrence
H6	Palaeontology	16	Genesis
H7	Economic geology	164	Artificial production
H8	Cosmic hypothesis		
H1	MINERALOGY	8	Crystallography
	H1 [S]: [P]	811	Nomenclature, classification
	<i>Divisions based on the train of</i>		
	Substance or S	82	Structure, morphology
	<i>Characteristic</i>		
	<i>as in E Chemistry</i>	821	Isometric
	<i>and the following</i>	822	Tetragonal
	<i>additional divisions</i>	823	Hexagonal
9	Precious stones	8235	Trigonal and rhombohedral
91	Diamond		
92	Ruby and sapphire		
921	Ruby	824	Orthorhombic
922	Sapphire	825	Monoclinic
931	Opal	826	Triclinic
95	Topaz	84	Irregularities
96	Spinel	841	Twinning, gliding plane
98	Pearl		
9944	Agate		
	<i>Divisions based on the train of</i>	844	Pseudosymmetry
	Problem or P	85	Inclusions
	<i>Characteristic</i>	864	Artificial production
1	Preliminaries		

GEOLOGY

H2 PETROLOGY	1541	Dolerite
H2 [S]: [P]	1543	Tinguaite
<i>Divisions based on the train of</i>	17	Plutonic rocks
Substance or S	171	Arizonite, sillexite
Characteristic	173	Rocks containing quartz and feldspars
1 Igneous rocks		
11 Volcanic rocks		
113 Rocks containing quartz and feldspars	1731	Granite
	1733	Tonalite, grano-diorite
1131 Obsidian		
1132 Rhyolite	174	Rocks containing feldspars
1133 Dacite		
114 Rocks containing feldspars	1741	Syenite
	1744	Diorite
1141 Pitchstone	1747	Anorthite
1142 Trachyte	1748	Gabbros
1143 Andesite	175	Rocks containing feldspars feldspathoids, etc.
1144 Basalt		
1145 Tachylyte		
115 Rocks containing feldspars and feldspathoids	1751	Nepheline syenite
	1752	Theralite
	1753	Teschenite
1151 Phonolite	1756	Ijolite
1152 Leucitophyre	1758	Peridotite picrite
1153 Limburgite	179	Other plutonic rocks
119 Other volcanic rocks	2	Metamorphic rocks
	21	Rocks due to regional metamorphism
15 Hypabyssal rocks		
1511 Aplites		
1512 Porphyries	211	Rocks derived from igneous rocks
1513 Lamprophyres		
1531 Granophyre	213	Rocks derived from sedimentary rocks
1532 Felsite		
154 Rocks containing feldspars alone	2131	Crystalline schists
	2132	Slates

GEOLOGY

2133	Marble	3482	Ferruginous
2134	Steatite	34821	Bedded iron ores
23	Contact metamorphism	34823	Bog iron ores
		35	Rocks due to organic origin
231	Lime stone	3522	Calcareous
233	Shales and slates	35221	Lime stone
235	Conglomerate and sand	35222	Dolomitic lime stone
3	Sedimentary rocks	35223	Oolite and pisolitic lime stone
31	Rudaceous	35224	Abyssal ooze
311	Conglomerate	35225	Chalk
312	Breccia		
32	Arenaceous	3540	Carbonaceous
321	Sandstone	35401	Peat
322	Grit	35402	Lignite
323	Arkose	35403	Coal and anthracite
324	Quartzite		
325	Gannister	35404	Cannel and torbanite
326	Greywacke		
327	Silt stone	35406	Oil shale
33	Argillaceous	35407	Asphalt and asphaltic impregnation
331	Clay		
3311	Fire clay	3541	Silicious
3312	Fuller's clay	35411	Chert and flint
3313	Aeolian clay	35413	Silicious earth
3314	Abyssal clay		
3315	Volcanic clay	5	Meteorites
3316	Residual clay		
332	Mudstone	<i>Divisions based on the train of Problem or P Characteristic (Same as those for mineralogy except '8')</i>	
333	Shale		
335	Marl		
336	Calcareous shale		
34	Chemical origin		
3422	Calcareous		
34221	Calcite		
3423	Dolomite	H31	Stratification
3451	Phosphatic rocks	H32	Joints and cleavage

H3 STRUCTURAL GEOLOGY

GEOLOGY

H33	Faults and folding
H34	Metamorphism
H35	Veins, dikes, necks, bosses
H36	Mountain building, orogeny

H4 DYNAMIC GEOLOGY

H41	Hypogene, internal dynamics
H411	Volcanoes
H412	Geysers, hot springs
H413	Movements and earth's crust
H4131	Slow depression, upheavals
H4132	Earthquakes
H418	Other internal actions
H42	Epigene or super- ficial action, ex- ternal dynamics
H421	Glaciology
H422	Action of water
H4221	Rain
H4223	Floods
H4224	Underground water
H4225	Ocean
H4227	Rivers
H4228	Lakes

H423	Action of air
H424	Land slides
H426	Action of plants
H427	Action of animals
H428	Action of men

H5 STRATIGRAPHY

H51	Archean eozoic, pre-Cambrian
H52	Primary, palaeo- zoic
H521	Cambrian
H522	Ordovician
H523	Silurian
H524	Devonian
H525	Carboniferous
H526	Permian
H53	Secondary, meso- zoic
H531	Triassic
H533	Jurassic
H534	Cretaceous
H54	Tertiary, cainozoic
H541	Eocene
H542	Oligocene
H543	Miocene
H544	Pliocene
H55	Quaternary
H551	Pleistocene
H555	Holocene or recent

I BOTANY

I [N]: [P]

I [N]: 1—:[G]

I [N]: 5—:[G]: [O]

<i>Divisions based on the train</i>	2376	Phalloides
<i>of Natural group of plants</i>	27	Lichenes
<i>or N Characteristic</i>	3	Bryophyta
1 Cryptogamia	31	Hepaticæ, liver-
2 Thallophyta		worts
21 Protophyta (Bacte-	311	Marchantiales
ria, yeast, mi-	313	Jungermanniales
crobies)	315	Anthocerotales
22 Algae, sea-weeds	32	Musci, mosses
221 Cyanophyceæ, blue-	321	Sphagnales
green algæ	323	Andreaeales
223 Chlorophyceæ, green	325	Bryales
algæ		
225 Phæophyceæ brown	4	Pteridophyta
algæ	41	Ophioglossaceæ
227 Rhodophyceæ, red	42	Filicinæ, ferns
algæ	43	Equisetinæ, horse-
23 Fungi		tails
231 Myxomycetes, slime	44	Lycopodinæ, club-
fungi, mycetoza		moss
233 Phyc o m y c e t e s,	45	Psilotaceæ
mould	5	Phane r o g a m i a,
235 Ascomycetes, green		flowering plants
mould	6	Gymnosperms
237 Basidio m y c e t e s,	61	Cycadaceæ, cycad
mushrooms, rust		family
2371 Smuts	63	Ginkgoaceæ
2372 Rusts	65	C o n i f e r æ, pine
2375 Mushrooms		family

BOTANY

67	Gnetaceæ, joint family	fir	785 786	Cyperaceæ Gramineæ
7	Monocotyledons		8	Dicotyledons
71	Microspermae		811	Ranalel
711	Hydrocharitaceæ		8111	Ranunculaceæ
712	Burmanniaceæ		8112	Dilleniaceæ
715	Orchidaceæ		8113	Calycanthaceæ
72	Epigynae		8114	Magnoliaceæ
721	Scitamineæ		8115	Anonaceæ
722	Bromeliaceæ		8116	Menispermaceæ
723	Hæmodoraceæ		8117	Berberidaceæ
724	Iridaceæ		8s18	Nymphaeaceæ
725	Amaryllidaceæ		812	Parietales
726	Taccaceæ		8121	Sarraceniaceæ
728	Dioscoreaceæ		8122	Papaveraceæ
73	Coronarieae		8123	Fumariaceæ
731	Roxburghiaceæ		8124	Crucifeæ
732	Liliaceæ		8125	Capparidaceæ
733	Pontederiaceæ		8126	Cistaceæ
734	Philydraceæ		8127	Resedaceæ
735	Xyrideæ		8128	Violaceæ
736	Commelinaceæ		81291	Canellaceæ
737	Mayaceæ		81292	Bixineæ
738	Rapataceæ		813	Polygalineae
74	Calycinae		8131	Pittosporæ
741	Flagellariæ		8134	Tremandrea
743	Juncaceæ		8132	Polygalaceæ
			8136	Vochysiaceæ
75	Palmae		814	Caryophyllinae
76	Nudiflorae		8141	Caryophyllaceæ
761	Pandanaceæ		8143	Frankeniaceæ
762	Cyclanthaceæ		8145	Tamariscineæ
763	Typhaceæ		8147	Portulaceæ
764	Æroideæ		815	Guttiferales
768	Lemnaceæ		8151	Elatineæ
77	Apocarpeae		8153	Hypericineæ
771	Triuridaceæ		8154	Guttifera (clusiaceæ)
772	Alismaceæ		8156	Ternstroemiaceæ
774	Naiadaceæ		8157	Dipterocarpaceæ
78	Glumaceae		8158	Chalenaceæ
781	Eriocaulonaceæ		816	Malvales
782	Centrolepideæ		8161	Malvaceæ
783	Restiaceæ			

BOTANY

8162	Sterculiaceæ	8323	Rhizophoraceæ
8163	Tiliaceæ	8324	Combretaceæ
821	Geraniales	8325	Melastomaceæ
8211	Lineæ	8326	Lythrarieæ
8212	Humiriaceæ	8328	Onagrarieæ
8213	Malpighiaceæ	833	Passiflorales
8214	Zygophylleæ	8331	Passifloreæ
8215	Geraniaceæ	8332	Samydaceæ
8216	Rutaceæ	8333	Loaseæ
8217	Simarubeæ	8334	Turneraceæ
8218	Ochnaceæ	8335	Datisceæ
82191	Burseraceæ	8336	Cucurbitaceæ
82192	Meliaceæ	8337	Begnoniaceæ
82193	Chailletiaceæ	834	Ficoidales
822	Olacales	8341	Cactaceæ
8221	Olacineæ	8344	Mesembryanthaceæ, ficoideæ
8222	Ilicineæ	835	Umbellales
8223	Cyrilleæ	8351	Umbelliferae
8225	Phytoreneæ	8355	Araliaceæ
8227	Aquifoliaceæ, ilicaceæ	8357	Cornaceæ
823	Celastrales	841	Rubiales
8231	Celastrineæ	8411	Caprifoliaceæ
8233	Hippocastanaceæ	8412	Rubiaceæ
8234	Stackhousiaceæ	842	Asterales
8236	Rhamnaceæ	8421	Valerianaceæ
8238	Ampelideæ, vitaceæ	8422	Dipsaceæ
824	Sapindales	8423	Calycereæ
8241	Sapindaceæ	8424	Compositæ
8243	Aceraceæ	843	Campanales
8244	Staphyleæ	8431	Stylideæ
8245	Sabiaceæ	8432	Goodenovieæ
8246	Anacardiaceæ	8433	Campanulaceæ
831	Rosales	844	Ericales
8311	Rosaceæ	8441	Vacciniaceæ
8312	Connaraceæ	8442	Ericaceæ
8313	Leguminosæ	8443	Monotropææ
8314	Saxifragaceæ	8445	Epacrideæ
8315	Crassulaceæ	8446	Diapensiaceæ
8316	Droseraceæ	8448	Lennoaceæ
8317	Hamamelidaceæ	845	Primulales
8318	Bruniaceæ	8451	Plumbaginæ
83191	Halorageæ		
832	Myrtales		
8321	Myrtaceæ		

BOTANY

8452	Primulaceæ	883	Multiovulatae	terres-
8453	Myrsinæ		tres	
846	Ebenales	8831	Nepenthaceæ	
8461	Sapotaceæ	8832	Cytinaceæ	
8462	Ebenaceæ	8833	Aristolochiaceæ	
8463	Styraceæ	884	Micrembryeae	
851	Gentianales	8841	Piperaceæ	
8511	Oleaceæ	8842	Chloranthaceæ	
8512	Salvadoraceæ	8843	Myristiceæ	
8513	Apocynaceæ	8844	Monimiaceæ	
8514	Asclepiadaceæ	885	Daphnales	
8515	Loganiaceæ	8851	Laurinæ	
8516	Gentianaceæ	8852	Proteaceæ	
852	Polemoniales	8853	Thymeleaceæ	
8521	Polemoniaceæ	8854	Penæaceæ	
8522	Hydrophyllaceæ	8855	Elæagnaceæ	
8523	Boraginæ	886	Achlamydosporeæ	
8524	Convolvulaceæ	8861	Loranthaceæ	
8526	Solanaceæ	8862	Santalaceæ	
853	Personales	8863	Balanophoreæ	
8531	Scrophularinæ	887	Unisexuales	
8532	Orobanchacea	8871	Euphorbiaceæ	
8533	Lentibulariæ	8872	Balanopseæ	
8534	Columelliaceæ	8873	Urticaceæ	
8535	Gesneraceæ	8874	Platanaceæ	
8536	Bignoniaceæ	8875	Leitneriæ	
8537	Pedalinæ	8876	Juglandæ	
8538	Acanthaceæ	8877	Myricaceæ	
861	Lamiales	8878	Casuarinæ	
8611	Myoporinæ	8891	Cupuliferæ	
8612	Selaginæ	89	Ordines anomali	
8613	Verbenaceæ	891	Salicinæ	
8614	Labiata	892	Lacistemaceæ	
871	Plantagineæ	893	Empetrææ	
88	Monochlamydeæ	894	Ceratophylleæ	
881	Curvembryeæ			
8811	Nyctagineæ			
8812	Illecebraceæ			
8813	Amarantaceæ			
8814	Chenopodiaceæ			
8815	Phytolaccaceæ			
8816	Batidæ			
8817	Polygonaceæ			
8821	Podostemaceæ			

Divisions based on the train of

Problem or P
Characteristic
as in G Biology
with the following
additions

59 Other habits

BOTANY

592	Creepers	14	Stem
593	Climbers	142	Cotyledonous buds
8	Paleobotany	147	Apical buds
		15	Leaf
	<i>Divisions based on the train of</i>	16	Flower
	Organ or O	17	Fruit
	<i>Characteristic</i>	178	Seeds
1	Basic and regional	197	Formative regions.
11	Cells		Meristem
12	Tissues		
13	Root		
131	Root hairs		
132	Secondary roots		
133	Primary root		

(For the functional system of organs, the divisions '2' to '8' of 'L. Medicine' corresponding to the 'Organ' or 'O' Characteristic are to be used as far as applicable.)

J AGRICULTURE

J [U] [P] [C]: [F]

<i>Divisions based on the</i>		7	Fruits
Utility or U		8	Seeds
<i>Characteristic</i>			
1	Ornamental materials and basic materials for ornamental and industrial uses		Crops
			<i>Fixed by the Favoured Category Device and Alphabetic Device applied after division by U and P Characteristics (Illustrative)</i>
2	Food of animals	141	Bamboo
3	Food of mankind	142	Cane
4	Poisons, intoxicants	15C1	Cactus
5	Fuel	163	Chrysanthemum
6	Spices, condiments, drugs	16C8 16P5	Cyclaman Phlox
7	Textile fibres, etc.	16S8	Sunflower
8	Dying and tanning materials	245 248	Maize Alfalfa
9	Oils, perfumes	251 258	Grass Sesbania Agustiflora
<i>Divisions based on the</i>		281	Cotton seeds
Part or P		282	Horsegram
<i>Characteristic</i>		321	Potato
1	Secretions	322	Sweet potato
2	Bulbs	323	Corms
3	Roots	324	Yam
4	Stem	325	Indian kales
5	Leaves	326	Onion
6	Flowers	327	Garlic

AGRICULTURE

331	Beet root	386	Barley
332	Turnips	387	Millet
333	Carrots	388	Grams
334	Radish	38P1	Peas
33T1	Tapioca	411	Toddy
341	Sugarcane	433	Derris (Tuba roots)
344	Rubarb	451	Tea
351	Greens	452	Tobacco
352	Spinach	481	Coffee
353	Cabbage	482	Cocoa
354	Lettuce	483	Poppy
355	Celery	541	Casuarina
358	Betel	611	Asafoetida
361	Cauli flower	621	Ginger
371	Apple	622	Lesser galangal
372	Orange	631	Asparagus
373	Melons	641	Cinchona
374	Banana	651	Curry leaf
375	Pineapple	661	Cloves
376	Grape	671	Chillies
377	Mango	672	Cardamom
378	Tomato	673	Coriander
37B2	Beans	681	Pepper
37C1	Cucumbers	682	Mustard
37F1	Fig	685	Nutmeg
37G1	Guava	718	Rubber trees
37J1	Jack fruit	741	Jute
37P5	Plums, prunes	742	Hemp
37R1	Rashberry	743	Flax
37S1	Strawberry	744	Rushes
37T1	Tamarind	751	Esparto grass
37Z	Nuts	753	Agave
37Z1	Cashew nut	771	Cotton
37Z8	Brazil nuts	841	Indigo
381	Rice	842	Indian mulberry
382	Wheat	843	Mangrove
383	Oats	844	Gautier
384	Rye	845	Wattle (Mimosa)
385	Maize	846	Divi-divi

AGRICULTURE

847	Sumach
911	Frankincense
921	Turmeric
931	Cuscus
961	Rose
971	Oil palm
981	Groundnut
982	Cocoanut
983	Sesame
984	Castor plant
985	Rapeseed
986	Linseed
987	Mowra seed
988	Soyabeen

Divisions based on the train of Farming or F *Characteristic*

1	Soil
2	Manure
3	Propagation method
4	Control of diseases and injuries
5	Crop development
7	Harvesting
91	Nomenclature, classification, etc.

To be subdivided as the Problem Division 1 of G Biology

1 SOIL

J [U] [P] [C]: 1 [N]: [O]

Divisions based on the train of Nature or N *Characteristic*

1	Mineral
11	Clayey
12	Loamy

13	Sandy
2	Alkaline
3	Acidic
4	Saline
5	Organic
51	Peat

Divisions based on the train of

Operation or O

Characteristic

1	Reclamation and protection
2	Levelling
3	Bunding
4	Ploughing
5	Harrowing, hoeing
6	Clot-crushing

2 MANURE

J [U] [P] [C]: 2 [S]: [O]

Divisions based on the train of

Substance or S

Characteristic

1	Refuses
11	Sweepings
12	Farmyard manure
13	Dung and urine
131	Cattle
132	Horse
133	Other animals
134	Birds, guano
14	Human refuses
2	Green manures
21	Indigo
22	Kolinji
23	Dhaincha
24	Sunhemp
25	Cowpea
3	Bye products
31	Oilcakes

AGRICULTURE

311	Groundnut
314	Castor
318	Neem
32	Fish guano
34	Bone meal
35	Horn and hoof meal
38	Tannery refuse
4	Chemical manures
41	Potassic
45	Nitrogenous
46	Phosphetic
8	Less common elements

*Divisions based on the train of
Operation or O
Characteristic*

1	Nomenclature, classification, etc.
2	Gathering, etc.
25	Compositing
28	Storing
3	Applying
31	Spreading, harrowing
37	Plant manuring

3 PROPAGATION METHOD

J [U] [P] [C]: 3 [S]: [O]

*Divisions based on the train of
Substance or S
Characteristic*

1	Seed
2	Seedling
3	Cuttings
4	Layering
5	Grafting

*Divisions based on the train of
Operation or O
Characteristic*

1	Nomenclature, etc.
2	Gathering, etc.
21	Enarching
22	Drying
23	Sorting
24	Control of diseases
25	Cleaning
26	Curing
28	Storing
3	Sowing
4	Planting

4 CONTROL OF DISEASES AND INJURIES

J [U] [P] [C]: 4 [D]: [O]

*Divisions based on the train of
Disease or D
Characteristic*

41	Fire
43	Floods
44	Heat, draught
48	Storm

*Other divisions by Subject Device
(illustrative)*

I23	Fungus diseases
K86	Entomological
K96	Injuries due to birds
K97	Injuries due to mammals

*Divisions based on the train of
Operation or O
Characteristic*

2	Etiology
3	Symptoms and diagnosis
4	Pathology
5	Preventive steps
6	Rescue work
62	Physical methods

AGRICULTURE

623	By ultrasonics	1	Nomenclature, classification, etc.
625	By radiation		
6252	Ultra-violet		<i>To be subdivided as in</i>
6253	X-ray		G Biology
626	Electrical	2	Recovery
63	Chemical	21	Gathering
68	Entomological	22	Drying
		25	Clearing
		26	Curing
5 CROP DEVELOPMENT			
51	Hoeing	3	Grading, sorting
52	Water supply and drainage	4	Control of diseases
53	Air supply	7	Yield
54	Temperature regulation	8	Storing
55	Light regulation	84	Cold storage
56	Seasonal measures	913	Weight, Density
	<i>(Divide by season) as in</i>	9151	Linear dimensions
	G Biology	9152	Area
		9153	Volume
57	Weeding	92	Physical properties
58	Protection from wind	93	Chemical properties
59	Special processes	96	Cost
591	Pruning	97	Uses
592	Mixed cropping	JA	Forestry
593	Crop rotation		<i>Divisions based on the train of</i>
596	Special methods of pollination		Tree or T
			<i>Characteristic</i>
			<i>By the Alphabetic Device</i>
			<i>(Illustrative)</i>
7 Harvesting		JAE1	Eucalyptus
	J [U] [P] [C]: 7 [M]: [O]	JAP1	Pine
	<i>Divisions based on the train of</i>	JAT1	Teak
	Material or M	JAT2	Tilia
	<i>Characteristic</i>	JAS1	Spruce
	<i>Same as the Part Divisions</i>		
	<i>(See also rule J471)</i>		
	<i>Divisions based on the train of</i>		<i>Class Number by the</i>
	Operation or O		<i>Classic Device (Illustrative)</i>
	<i>Characteristic</i>	J1xG40	<i>Upavanavinōda</i>

K ZOOLOGY

K [N] : [P]

K [N] : 1— : [G]

K [N] : 5— : [G] : [O]

<i>Divisions based on the train</i>		412	Milleporina	
<i>of Natural group of animals</i>		413	Gymnoblastea	(Antho-
<i>or N</i>			medusæ)	
<i>Characteristic</i>		414	Calyptoblastea	(Lepto-
			medusæ	
1	Invertebrata	415	Stylasterina	
2	Protozoa	416	Trachomedusæ	
21	Sarcodina	417	Narcomedusæ	
211	Rhizopoda	418	Siphonophora	
212	Foraminifera	419	Graptolitoidea	
213	Heliozoa	43	Scyphozoa, scyphome-	
214	Radiolaria		dusæ	
215	Proteomyxa	431	Cubomedusæ	
216	Mycetozoa	433	Stauromedusæ	
		435	Coronata	
23	Sporozoa	437	Discophora	
231	Telosporidia			
235	Neosporidia	45	Anthozoa, actinozoa	
25	Flagellata	451	Alcyonaria	
27	Infusoria	452	Stolonifera	
271	Ciliata	453	Coenothecalia	
275	Suctorina (tentaculifera)	454	Alcyonacea	
		455	Gorgonacea	
3	Porifera	4551	Pseudaxonia	
31	Calcarea	4553	Axifera	
32	Myxospongiæ	456	Pennatulacea	
33	Hexactinellida	4561	Pennatulæ	
34	Octactinellida	4562	Spicatæ	
35	Heteractinellida	4563	Verticilladæ	
36	Demospongiæ	4564	Renillæ	
		4565	Veretillæ	
	Coelenterata	457	Zoantharia	
	Hydrozoa	4571	Edwardsiidea	
	Eusutheroblastea	4572	Actiniaria	

ZOOLOGY

45721	Actiniina	65	Chaetopoda, annelida
45722	Stichodactylina	651	Archiannelida
4573	Madreporaria	652	Polychæta, myzostomaria
45731	Entocnemaria	6521	Phanerocephala
45732	Cyclocnemaria	65211	Nereidiformia
4574	Zoanthidea	65212	Spioniformia
4575	Antipathidea, antipatharia	6523	Terebelliformia
4576	Cerianthidea	6524	Capitelliformia
6	Vermes	48	Ctenophora
61	Platyhelminthes	481	Tentaculata
611	Turbellaria	482	Cydrapidea
6111	Polycladida	483	Lobata
6112	Tricladida	484	Cestoidea
6113	Rhabdocelida	485	Platyctenea
613	Trematoda	487	Nuda
6131	Monogenea	5	Echinodermata
6132	Digenea, malacocotylea	51	Eleutherozoa
615	Cestoda	52	Asteroidea
617	Mesozoa	521	Spinulosa
62	Nemertinea	522	Velata
621	Protonemertini	523	Paxillosa
623	Mesonemertini	524	Valvata
625	Metanemertini	525	Forcipulata
627	Heteronemertini	53	Ophiuroidea
63	Nemathelminthes	531	Streptophiuræ
631	Nematoda	532	Zygophiuræ
633	Nematomorpha	533	Cladophiuræ
635	Acanthocephala	54	Echinoidea
637	Chaetognatha	541	Endocyclica
64	Rotifera	542	Clypeastroidea
641	Flosculariaceæ	5421	Protoclypeastroidea
642	Melicerata	5422	Euclypeastroidea
643	Bdelloida	543	Spatangoidea
644	Asplanchnaceæ	55	Holothuroidea
645	Scirtopoda	551	Aspidochirota
646	Ploima	552	Elasipoda
6461	Illoricata	553	Pelagothuriida
6462	Loricata	554	Dendrochirota
647	Seisonaceæ	555	Molpadiida
648	Gastrotricha	556	Synaptida
6481	Euichthyridina	56	Pelmatozoa
6482	Apodina	57	Crinoidea
649	Kinorhyncha	572	Inadunata
		573	Articulata

ZOOLOGY

576	Camerata	7147	Anatinacea
58	Extinct classes	715	Septibranchiata
581	<i>Thecoidea</i> (Edrioas- teroidea)	73	Scaphopoda
582	<i>Carpoidea</i>	75	Gasteropoda
583	<i>Cystoidea</i>	751	Amphineura
584	<i>Blastoidea</i>	7511	Polyplacophora
6525	Scoleciformia	7513	Aplocophora
6526	Cryptocephala	753	Prosobranchiata
65261	Sabelliformia	7531	Diotocardia
65262	Hermelliformia	7532	Monotocardia
6527	Myzostomaria	755	Opisthobranchiata
653	Oligochaeta	7551	Tectibranchiata
6531	Microdrili	7555	Ascoglossa
6532	Megadrili	756	Nudibranchiata
654	Hirudinea	7561	Pteropoda
6541	Rhynchobdellæ	757	Pulmonata
6544	Gnathobdellæ	7571	Basommatophora
655	Gephyrea	7575	Stylommatophora
6551	Sipunculoidea	77	Cephalopoda
6553	Priapuloida	771	Dibranchiata
6555	Echiuroidea	7711	Octopoda
6557	Epithetosomatoidæ	7712	Decapoda
66	Phoronis	775	Tetrabranchiata
67	Polyzoa	7751	Nautiloidea
671	Entoprocta	7753	Ammonoidea
672	Ectoprocta	78	Brachiopoda
6721	Gymnolæmata	781	Ecardines
6725	Phylactolæmata	785	Testicardines
7	Mollusca	8	Arthropoda
71	Pelecypoda	81	Crustacea
711	Protobranchiata	811	Entomostraca
712	Filibranchiata	812	Branchiopoda
713	Pseudolamellibranchiata	8121	Phyllopoda
7131	Anomiacea	8122	Clodocera
7135	Arcacea	813	Copepoda
7137	Mytilacea	8131	Gymnoplea
714	Eulamellibranchiata	8132	Podoplea
7141	Submytilacea	814	Cirripedia
7142	Tellinacea	8141	Pedunculata
7143	Veneracea	8142	Operculata
7144	Cardiacea	8143	Acrothoracica
7145	Myacea	8144	Ascothoracica
7146	Pholadacea	8145	Apoda

ZOOLOGY

8146	Rhizocephala	8634	Neuroptera planipennia
8147	Ostracoda	8635	Trichoptera
815	Malacostraca	864	Hymenoptera
8151	Anaspidacea	8641	Hymenoptera sessili ventres
8152	Mysidacea	8643	Hemenoptera petiolata
8153	Cumacea	8645	Tubulifera
8154	Isopoda	8647	Aculeata
81541	Chelifera	865	Coleoptera
81542	Flabellifera	8651	Lamellicornia
81543	Valvifera	8652	Adephaga, caraboidea
81544	Asellota	8653	Polymorpha
81545	Oniscoida	8654	Heteromera
81546	Epicarida	8655	Phytophaga
81547	Phreatoicidea	8656	Rhynchophora
8155	Amphipoda	8657	Strepsiptera
81551	Crevettina	867	Lepidoptera
81552	Lamodipoda	8671	Rhopalocera
81553	Hyperina	8675	Heterocera
8156	Stomatopoda	871	Diptera
8157	Euphausiacea	8711	Orthorrhapha nemocera
8158	Decapoda	8712	Orthomhappa brachycera
81581	Macrura	8713	Cyclorrhapha aschiza
81582	Anomura	8714	Cyclorrhapha schizo- phora
81583	Brachyura	8715	Pupipara
816	Trilobites	874	Aphaniptera
83	Onychophora, peripatus, prototracheata	8741	Pulicidae
84	Myriapoda	876	Thysanoptera
841	Chilognatha, diplopoda	8761	Terebrantia
843	Chilopoda	877	Hemiptera
845	Schizotarsia	8771	Heteroptera
846	Symphyla	8772	Homoptera
847	Pauropoda	8774	Anoplura
86	Insecta	88	Arachnida
861	Aptera	881	Delobbranchiata, mero- stomata
8611	Thysanura	8811	Xiphosura
8612	Collembola	1813	Eurypterida, gigantostraca
862	Othoptera	882	Embolobbranchiata
8621	Orthoptera cursoria	8821	Scorpionidea
8625	Orthoptera saltatoria	8822	Pedipalpi
863	Neuroptera	8823	Araneae
8631	Mallophaga		
8632	Pseudo-neuroptera		
8633	Neuroptera amphibiotica		

ZOOLOGY

8824	Palpigradi	92	Pisces
8825	Solifugæ, solpugæ	922	Elasmobranchii
8826	Chernetidea, chernetes,	9221	<i>Pleuropterygii</i>
	pseudoscorpiones	9222	<i>Ichthyotomi</i>
8827	Podogona, ricimulei	9223	<i>Acanthodei</i>
883	Phalangidea, opiliones	9224	Plagiostomi
8831	Cyphophthalmi	92241	Selachii
8832	Mecostethi, laniatores	92245	Batoidei
8833	Plagiostethi, palpatores	923	Holocephali
884	Acarina, acari, acaridea	925	Teleostomi
8841	Vermiformia	9251	Crossopterygii
8842	Astigmata	92511	<i>Osteolepida</i>
8843	Metastigmata	92515	Cladistia
8844	Heterostigmata	9252	Chondrostei
8845	Prostigmata	9253	Holostei
8846	Notostigmata	9254	Teleostei
885	Tardigrada	92541	Malacopterygii
886	Pentastomida	92542	Ostariophysi
888	Pyenogonida, podosomata, pantopoda	92543	Symbranchii
9	Prochordata a n d	92544	Apodes
	vertebrata	92545	Haplomi
91	Prochordata	92546	Heteromi
911	Hemichordata	92547	Catosteomi
9111	Enteropneusta	92548	Percesoces
91111	Pterobranchia	925492	Anacanthini
91113	Phoronidea	925493	Acanthopterygii
913	Urochordata, tunicata	925494	Opisthomi
9131	Larvacea	925495	Pediculati
9133	Ascidacea	925496	Plectognathi
91331	Ascidie simplices	926	Dipneusti, Dipnoi
91332	Ascidie compositæ	927	<i>Palaeospondylidae</i>
91333	Merosomata	928	<i>Ostracodermi</i>
913333	Holosomata	9281	<i>Heterostraci</i>
91335	Ascidie luciae	9282	<i>Osteostraci</i>
9135	Thaliacea	9283	<i>Anaspida</i>
91351	Ceratomyaria	93	Amphibia
91353	Hemimiyaria	931	Stegocephali
915	Cephalochordata	9311	Stegocephali lepospondyli
917	Craniata	93111	Branchiosauri
9171	Cyclostomata	93113	Aistopodes
91711	Myxinoides	9312	Stegocephali temnospondyli
91715	Petromyzontes	9313	Stegocephali stereospondyli

ZOOLOGY

932	Lissamphibia	949115	Pteranodontes
9321	Apoda	9492	Pythonomorpha
9323	Urodela	94921	Dolichosauri
9325	Anura	94925	Mosasauroi
93251	Aglossa	9493	Sauria
93255	Phaneroglossa	94931	Lacertilia
94	Reptilia	949313	Geckones
941	Proreptilia	949315	Lacertæ
942	Prosauria	949316	Chamæleontes
9421	Microsauri	94932	Ophidia
9425	Prosauri	96	Aves
94251	Protosauri	961	Archæornithes
94255	Rhynchocephali	962	Neornithes
943	Theromorpha	9621	Neornithes ratitæ
9431	Parciasauri	96211	Ratitæ
9433	Theriodontia	962111	Struthiones
9435	Anomodontia	962112	Rheæ
9437	Placodontia	962113	Megistanes
944	Chelonia	962114	Apterges
9441	Atheca	962115	Dinornithes
9445	Thecophora	962116	Aepyornithes
94451	Cryptodira	96212	Stereornithes
94453	Pleurodira	962121	Mesembriornis
94455	Trionychoidea	962122	Diatryma
945	Dinosauria	962123	Dasornis
9451	Sauropoda	962124	Remiornis
9453	Theropoda	962125	Gastornis
9455	Orthopoda	9622	Neornithes odontolex
94551	Stegosauri	96221	Hesperornithes
94555	Ornithopoda	96225	Enaliornithes
9457	Ceratopsia	9623	Neornithes carinata
946	Crocodylia	96231	Ichthyornithes
9461	Pseudosuchia	96232	Colymbiformes
9463	Parasuchia	962321	Colymbi
9465	Eusuchia	962325	Podicipedes
947	Plesiosauria	96322	Sphenisciformes
9471	Nothosauri	963221	Sphenisci
9475	Plesiosauri	96323	Procellariiformes
948	Ichthyosauria	963231	Tubinares
9481	Ichthyosauri	9633	Ciconiiformes
9491	Pterosauria	96331	Steganopodes
94911	Pterosauri	96332	Ardeæ
949111	Pterodactyli	96333	Ciconiæ
		96334	Phoenicopteri
		9634	Anseriformes

ZOOLOGY

96341	Palamedeæ	9735	Nomarthra
96345	Anseres	974	Sirenia
9635	Falconiformes	975	Cetacea
96351	Cathartæ	9751	Mystacoceti
96353	Accipitres	9752	Odontoceti
9636	Tinamiformes	9753	Archæoceti
96361	Tinami	976	Ganodonta
9637	Galliformes	978	Ungulata
96371	Mesitæ	9781	Condylarthra
96373	Turnices	9782	Amblypoda
96375	Galli	9783	Ancylopoda
96377	Opisthocomi	9784	Typotheria
9638	Charadriiformes	9785	Toxodontia
96381	Limicolæ	9786	Proboscideæ
96382	Lari	9787	Hyracoidea
96384	Alcæ	9788	Perissodactyla
96385	Pterocles	97891	Litopterna
96387	Columbæ	97892	Artiodactyla
964	Cuculiformes	9791	Carnivora
9641	Cuculi	97911	Fissipedia
9645	Psittaci	97912	Pinnipedia
965	Coraciiformes	9792	Creodonta
9651	Coraciæ	9793	Rodentia
9652	Striges	97931	Simplicidentata
9653	Caprimulgi	97935	Duplicidentata
9654	Cypseli	9795	Insectivora
9655	Colii	97951	Insectivora vera
9656	Trogones	97955	Dermoptera
9657	Pici	9796	Chiroptera
966	Passeriformes	97961	Megachiroptera
9661	Passeres anisomyodæ	97965	Microchiroptera
96611	Subclamatores	9797	Primates
96615	Clamatores	97971	Lemuroidea
9662	Passeres diacromyodæ	97975	Anthropoidea
96621	Suboscines	<div>Divisions based on the train of Problem or P Characteristic as in G Biology with the following additions</div>	
96625	Oscines		
97	Mammalia		
971	Monotremata	59	Other habits
972	Marsupialia	591	Relation to young ones
9721	Diprotodontia	598	Flying animals
9725	Polyprotodontia		
973	Edentata		
9731	Xenarthra		

L MEDICINE

L[O]: [P]

<i>Divisions based on the train of</i>	153	Front
Organ or O	155	Left
<i>Characteristic</i>	157	Back
1 Basic and regional	16	Upper extremities
11 Cells	161	Shoulders
12 Tissues	162	Axilla
13 Lower extremities	163	Arms
131 Toes	164	Elbows
132 Feet	165	Forearms
133 Ankles	166	Wrists
134 Legs	167	Hands
135 Knees	168	Fingers
136 Thighs	17	Neck
137 Pelvic region	18	Head
14 Abdomen	181	Face
141 Iliacs	183	Ears
1411 Right	1831	Pinna
1415 Left	1832	External auditory meatus
143 Hypogastric	1833	Tympanic cavity
144 Umbilical	1834	Tympanic membrane
145 Lumbar	1835	Eustachian tube
1451 Right	1836	Tympanic ossicles
1455 Left	1837	Osseous labyrinth
147 Epigastric	1838	Membranous labyrinth
148 Hypochondriac		
1481 Right		
1485 Left	185	Eyes
1493 Diaphragm	1851	Coats
15 Thorax	18511	Eyelids
151 Right	18512	Cornea

MEDICINE

18513	Sclerotic	21431	Milk teeth
18514	Iris	21432	Canine
18515	Ciliary processes	21433	Lateral incisor
18516	Choroid	21434	Central incisor
18517	Retina	21435	First molar
1852	Parts	21436	Second molar
18521	Aqueous humour	2145	Dentine
18522	Crystalline lens	2146	Pulp cavity
18523	Vitreous humour	215	Fauces
1856	Lachrymal glands	216	Salivary glands
18562	Lachrymal sac	2161	Parotid glands
18565	Tears	21617	Parotid duct
18571	Lachrymal ducts	2162	Submaxillary gland
18572	Nasal ducts	21627	Submaxillary duct
187	Scalp	2163	Sublingual glands
192	Joints	2164	Mucous glands
198	Storage regions	219	Tonsils
2	Digestive system	22	Pharynx
21	Mouth	23	Esophagus
211	Lips	24	Stomach
212	Cavity of the mouth	245	Gastric secretions
2121	Floor of the mouth	246	Gastric glands
2123	Cheeks	2461	Cardiac glands
2125	Palate	2463	Pyloric glands
21251	Uvula	248	Orifice and valve
21252	Soft palate	2481	Cardiac orifice
21253	Hard palate	2482	Pyloric orifice
2127	Jaws	24828	Pyloric valve
213	Tongue	25	Intestines
214	Teeth	26	Small intestines
21411	Gums	266	Intestinal glands
21412	Enamel	2661	Brunner's glands
2142	Parts	2662	Solitary glands
21421	Root	2663	Peyer's glands
21422	Neck	268	Ileo-caecal valve
21423	Crown	27	Large intestines
2143	Kinds of teeth	272	Parts

MEDICINE

2721	Cæcum	395	Lymph
27219	Vermiform Appen- dix	396	Lymphatic glands
			(To be divided locally)
2722	Colon	398	Lymphatic valves
2723	Rectum	4	Respiratory system
2724	Anal canal	41	Nose
276	Solitary glands	411	Outer nose
278	Houston's valves	412	Nasal fossæ
291	Liver	42	Larynx
2915	Bile	43	Trachea
2917	Bile ducts	44	Bronchi
292	Gall bladder	441	Right bronchus
2927	Cystic duct	4415	Right intra-pul- monary branches
293	Pancreas	445	Left bronchus
2935	Pancreatic secretion	4455	Left intra-pulmo- nary branches
2937	Pancreatic duct		
3	Circulatory system		
31	Pericardium	45	Lungs
32	Heart	4511	Pleura
33	Vena cava	46	Pleural sacs
331	Superior vena cava	48	Mediastinum
332	Inferior vena cava	5	Genito-urinary sys- tem
34	Aorta		
35	Blood	51	Kidneys
358	Haemoglobin	513	Sinus
36	Veins	515	Urine
	(To be divided locally)	517	Ureter
37	Arteries	52	Bladder
	(To be divided locally)	53	Urethra
38	Capillaries	54	Sexual organs
	(To be divided locally)	55	Female genital organ
39	Lymphatic vessels	551	Ovaries
391	Thoracic duct	5515	Eggs
392	Right lymphatic duct	552	Fallopian tubes
394	Other lymphatic vessels	553	Uterus
	(To be divided locally)	554	Vagina
		555	External organs

MEDICINE

5551	Vulva	72	Spinal cord
55511	Labium	721	Spinal meninges
5552	Perineum	73	Nerves (their structure, parts, etc.)
556	Breasts	74	Peripheral nerves
56	Male genital organ		(<i>To be divided locally</i>)
561	Testes	75	Sensory nerves
5611	Scrotum		(<i>To be divided locally</i>)
5621	Epididymis	76	Motor nerves
5622	Vas deferens		(<i>To be divided locally</i>)
5623	Ejaculatory duct	77	Autonomic nerves
565	Seminal vesicles	771	Sympathetic nerves
5655	Spermatozoa		(<i>To be divided locally</i>)
5661	Prostate gland	795	Cerebro-spinal fluid
5662	Cowper's glands		
567	Penis	8	Other systems
6	Ductless glands	82	Bones
61	Superarenal	821	Periosteum
62	Spleen	822	Bone proper
63	Thymus	8221	Substantial
64	Para thyroid	8222	Cancellous
65	Thyroid	8223	Cavities
66	Hypophysis glands	825	Marrow
661	Anterior		
662	Posterior	83	Muscles
67	Pineal gland	86	Connective tissues
68	Other glands	861	Connective tissues proper
	(<i>To be divided locally</i>)		
7	Nervous system	8611	Lining membranes
71	Brain	86111	Serous
711	Meninges	86112	Synovial
7111	Dura mater	86113	Mucous
7112	Arachnoid mater	8613	Protecting membranes
7113	Pia meter		
712	Parts	8614	Basement membranes
7121	Cerebrum	8615	Reticular tissue
7124	Cerebellum	8616	Ligaments
7122	Pons		
7123	Medulla oblongata		

MEDICINE

8617	Tendons	3135	Multiple pregnancy
866	Cartilages	314	Pathology of pregnancy
87	Skin		
871	Epidermis	3142	Vomiting
872	Corium	3143	Varices
875	Pigment	31451	Albuminuria
876	Glands of the skin	31455	Complications due to abnormalities in the generative tract
8761	Sebaceous glands		
8762	Sweat glands		
88	Hair, etc.		
881	Hair	3147	Convulsions
882	Scales	31471	Insanity of pregnancy
883	Nails		
<i>Divisions based on the train of Problem or P Characteristic</i>		31495	Extra-uterine pregnancy
		32	Foetus
1	Preliminaries	324	Diseases of the foetus
11	Nomenclature		
13	Nursing home	3291	Death of foetus
14	Hospitals	331	Chorion
15	Sanatoria	332	Amnion
17	Anæsthetization	333	Placenta
19	Microscopy	334	Umbilical cord
192	Sectioning		
195	Fixation	34	Abortion
196	Mounting	341	Natural
198	Staining	345	Artificial
2	Morphology	35	Labour
3	Physiology	351	Presentation
<i>To be subdivided as in 'G' Biology with the following modifications</i>		3511	Vertex
<i>Subdivisions when applied to</i>		3512	Face and brow
Organ Number '55 Female Genital Organs'		3513	Lower extremities
		3515	In multiple pregnancy
		352	Second stage
		353	Third stage
3	Obstetrics		
31	Pregnancy	354	Abnormal labour
313	Diagnosis	3542	Due to foetus

MEDICINE

3543	Due to anomalies of expelling forces	427	Due to metazoa
3544	Due to passage and obstacles	43	Parasitic diseases
357	Obstetric operations	435	Due to phyto parasites
3571	Dilatation	437	Due to animal parasites
3574	For inversion of uterus	44	Poisons
3577	Use of forceps	441	Snake poison
3578	Embryotomy	<i>To be further divided by the substance number as in 'E Chemistry'</i>	
36	Puerperal state	45	Functional disorder
3641	Puerperal infection	451	Under functioning
3646	Mastitis	452	Over functioning
393	Ordinary (non-pregnant) physiology	453	Complicated functioning
4	Diseases	4537	Allergy
41	General	456	Not functioning
411	Atrophy	4565	Not functioning due to external causes
412	Hypertrophy	46	Metabolistic
413	Hemorrhage	463	Due to deficiency
414	Fever	47	Structural, neoplastic, etc.
415	Inflammation	471	Abnormalities in structure
417	Pain	4711	Size
418	Spasm	4712	Shape
419	Other general diseases	4713	Position
42	Infectious diseases	4714	Fixation
421	Tuberculosis	4715	Number
422	Syphilis	4716	Total absence
423	Due to filterable protista	4718	Openings
424	Due to bacteria	472	Tumour
425	Due to metaphyta	4721	Swellings due to hypertrophy
426	Due to protozoa		

MEDICINE

4722	Inflammatory swellings	L:4232	Chicken pox
4723	Cysts	L:4233	Measles
4724	Non-malignant tumours	L:4631	Scurvy
		L:4632	Beriberi
47241	Osteoma	L12:46	Obesity
47242	Chondroma	L14:485	Ascites
47243	Myoma	L191:46	Gout
47245	Myxoma	L2161:423	Mumps
472462	Lipoma	L24:451	Anorexia
472463	Fibroma	L25:4241	Typhoid
47247	Papilloma	L25:4242	Bacillary dysentery
47248	Adenoma		
4725	Malignant tumours	L25:4251	Cholera
47251	Osteosarcoma	L25:4262	Amoebic dysentery
47252	Chondrosarcoma		
47253	Myosarcoma	L25:4371	Tapeworm
47255	Myxosarcoma	L25:4372	Hookworm
472562	Liposarcoma	L25:4373	Round worm
472563	Fibrosarcoma	L25:4374	Thread worm
47257	Carcinoma		
47258	Adenosarcoma	L25:451	Constipation
473	Hernia	L25:452	Diarrhoea
474	Ulcer	L25:474	Dysentery (general)
475	Abscess		
476	Gangrene	L291:453	Jaundice
48	Due to presence of foreign matter	L292:481	Gallstones
		L2927:481	Biliary colic
481	Solid matter	L293:46	Diabetes
485	Fluid	L34:411	Angina pectoris
488	Gas	L35:411	Anæmia
49	Due to other causes	L35:4111	Secondary
491	Fire. Burns	L35:4112	Chlorosis
494	Asphyxia	L35:4113	Pernicious
	Specific diseases	L35:4114	Splenic
	(Illustrative)	L35:4115	Leucemia
L:423	Poxes	L35:4231	Typhus
L:4231	Small pox	L35:4261	Malaria

MEDICINE

L35:4262	Sleeping sickness	5	Public health and hygiene
L37:411	Arteriosclerosis	51	Vital statistics, mortality tables
L37:4711	Aneurysm		
L39:4371	Filarial elephantiasis	52	State control
L39:481	Elephantiasis	521	Habitations
L396:412	Hodgkin's disease		<i>To be subdivided as in</i>
L396:4241	Bubonic plague		N1 Architecture
L4:4241	Influenza	522	Animals
L4:4242	Whooping cough		<i>To be subdivided by Animal</i>
L41:4241	Diphtheria		<i>Characteristic</i>
L44:453	Asthma		<i>as in</i> MK Veterinary Science
L45:424	Pneumonia	523	Foods, beverages
L4511:485	Empyema		<i>To be subdivided by</i>
L51:453	Albuminuria		<i>Substance Characteristic</i>
L51:481	Renal colic		<i>as in</i> E Chemistry and F Technology
L61:411	Addison's disease	524	Intoxicants, poisons
L62:4261	Kala-azar		<i>To be subdivided as</i> 523
L65:4711	Goitre	525	Conveyances
L65:4716	Cretinism myxoedema	526	Medicine
L66:472	Acromegaly		<i>To be subdivided as</i> 523
L7:51	Neurasthenia	54	Prevention of diseases in general
L7:52	Insomnia		
L71:453	Epilepsy		<i>To be subdivided as</i>
L711:424	Cerebro-spinal meningitis		4 Diseases
L72:4241	Tetanus	547	Prevention of accidents
L73:417	Neuralgia	55	Public hygiene
L76:411	Paralysis	551	Ground
L76:453	Chorea	555	Water
L81:463	Rickets	556	Season
L87:485	Edema		<i>(Divide by season)</i>
L875:4716	Albinism	558	Air

MEDICINE

57	Personal hygiene	7	Phylogeny
571	Residence, furniture		<i>To be subdivided</i>
5711	Floor, walls, etc.		<i>as in G Biology</i>
5712	Water supply	8	Physical fitness
5713	Ventilation		<i>To be subdivided</i>
5714	Heating, cooling		<i>as the common subdivision</i>
5715	Light		b13 Physical qualification
5718	Drainage		L [O]: 4—:[H]
572	Exercise and recreation		<i>Divisions based on the train of</i>
			Handling or H
			<i>Characteristic</i>
573	Food		<i>For '4 Diseases' and its</i>
	<i>To be subdivided by</i>		<i>Subdivisions</i>
	<i>Substance Characteristic</i>		
	<i>as in E Chemistry</i>	1	Nursing
	<i>and F Technology</i>	2	Etiology
5731	Underfeeding	3	Symptoms and
5732	Overfeeding		diagnosis
5736	Fasting	31	By signs, clinical
574	Intoxicants, stimulants	32	By physical methods
575	Bath, toilet, cleanliness	325	By microscope
576	Regulation of habits	3253	By x-rays
577	Clothing	33	By chemical methods
	<i>To be subdivided by</i>	4	Pathology
	<i>Material Characteristic</i>	402	Physical methods
	<i>as in M7 Textiles</i>	403	Chemical methods
578	Sleep	411	Examination of cells
6	Pharmacognosy	412	Examination of tissues
61	Sources, etc.	424	Examination of gastric contents
611	Nomenclature and classification	427	Examination of feces
614	Sources	44	Examination of sputum
63	Pharmacology	45	Examination of urine
65	Pharmacopeia	4798	Post mortem examination
66	Materia medica		
68	Pharmacy		

MEDICINE

5	Preventive steps	6434	Blood letting
51	Epidemiology	6435	Cupping
55	Control measures	644	Respiratory remedy
56	Immunology		(<i>Prāṇdyāmam</i>)
6	Therapeutics	65	Hydrotherapy
61	Methods of adminis-	66	Serumtherapy
	tration	67	Organotherapy
6121	By mouth	68	Aerotherapy
6123	By rectum	69	Other cures
616	Injection	691	Psychotherapy
6161	Epidermal	7	Surgery
6163	Intramuscular	75	Prosthesis
6166	Intravenous	76	Amputation
62	Physiotherapy	77	Excision
624	Thermotherapy	8	Diet regulation
625	Radiotherapy	9	Other factors
6252	Ultra-violet the-	91	After care
	rapy	97	First aid
6253	X-ray therapy		
626	Electrotherapy		
627	Magnetotherapy		L: 6—: [S]
63	Pharmacotherapy		
63129	Radiumtherapy		<i>Divisions based on the train of</i>
64	Physiological the-		Substance or S
	rapy		<i>Characteristic</i>
642	Regulation of diet		<i>as in E Chemistry</i>
6426	Fast cure		<i>and F Technology</i>

L9	Medicine as applied to special classes
L91	Childhood
L98	Tropical medicine
	L93 Old age

MEDICINE

Special Schools of Medicine

LA Ayurveda system

Divisions by the Classic Device (Illustrative)

- LAx1 *Carakasamhitā*
LAx11 Patañjali's commentary
LAx12 Cakrapāṇidatta *Carakatātparyadīpikā* or *Āyurveda dīpikā*
LAx13 Haricandra's commentary
LAx14 Śivadāsa *Caraka tattva pradīpikā*
LAx15 Gaṅgādhara *Jalpakaḥpataru*
LAx2 Vāgbhaṭa I *Aṣṭāṅgasaṅgraha*
LAx21 Aruṇadatta's commentary
LAx3 Vāgbhaṭa II *Aṣṭāṅgahṛdaya*
LAx31 Aruṇadatta *Sarvāṅgasundara*
LAx32 Hemādri or Kāmadeva *Āyurveda darśana*
LAx33 Āśādhara *sallakṣaṇa Aṣṭāṅgahṛdayoddyota*
LAx34 Candracandana *Padārthacandrikā*
LAx35 Dāmodara *Saṅketamañjarī*
LAx36 Rāmanātha Vaidya *Aṣṭāṅgahṛdayaṭikā*
LAx37 *Bālaprabodhikā*
LAx38 *Hṛdayabodhikā*
LAx3M80 Harikṛṣṇa Mullick *Vāgbhaṭārthakaumudī*
LAx3M90 Yaśodānandan Sarkār *Pradīpa*
LAx4 Bhela *Bhelasamhitā*
LAx5 Śārṅgadhara *Śārṅgadharasamhitā*
LAx51 Ādhamalla *Śārṅgadharadīpikā*
LAx6 Bhāva Miśra *Bhāvaprakāśa*
LAx7 *Navanāvanītakam*
LAx8 Yogānandanātha *Āyurvedasūtra*
LAxD4 Nāgārjuna *Rājavaiśeṣikasūtra*
LAxM13 Parameśwara *Hṛdayapriyā*
LA:4x1 Mādhavakara *Mādhavanidāna*
LA:4:6x1 Cakrapāṇidatta *Cikitsāsārasamhitā*
LA:4:7x2 *Suśrutasaṃhitā*
LA:4:7x21 Chakrapāṇidatta *Bhānumati*
LA:4:7x22 Gayādāsa *Nyāyacandrikā* or *pañjikā*
LA:4:7x23 Jejjāṭcārya's commentary

MEDICINE

- LA :4 :7x24 Bhāskara's commentary
LA :4 :7x25 Mādhava's commentary
LA :4 :7x26 Brahmadeva's commentary
LA :4 :7x27 Dallaṇācārya *Nibandhasaṅgraha*
LA :4 :7x28 Ubhalta's commentary
LA :4 :7x3 *Bhojatantram* or *Bhojasamhitā*
LA :441 :6x1 *Kāśyapa samhitā*
LA :6x2 *Kāka caṇḍiswaratantra*
LA :65x1 *Muktāvali*
LA :67x1 Cakrapāṇidatta *Cakradatta* or *Dravyaguṇasaṅgraha*
LA :68x1 Vāgbhaṭa (son of Siṃha Gupta) *Rasaratnasamuc-
caya*
LA :68x2 *Rasādhyāya*
LA91x1 *Jivakatantra*
LA91x2 *Parvatakatantra*
LA91x3 *Bandhakatantra*
LA91x4 *Hiranyākṣavatāntra*
LA91xM90 Ramavarier *Arogyakalpadruma*
LB **Siddha system**
LC **Unani system**
LL **Homeopathy**

M USEFUL ARTS

M1	Book production and description	1	Cotton
		2	Wool
M13	Paper-making	3	Silk
M14	Printing, etc.	4	Flax
M141	Type founding	5	Other vegetable fibres
M142	Composition		
M143	Printing	6	Metal yarn and fabrics
M144	Book illustrations		
M145	Ink manufacture	<i>Divisions based on the train of</i>	
M148	Typewriting	Work or W	
M15	Book-binding	<i>Characteristic</i>	
M16	Publishing	1	Preliminaries
M17	Book selling	11	Sorting, ginning
M18	Book description, bibliography	12	Beating, scouring
		13	Carding
M19	Technique of book writing	15	Oiling, washing
		2	Spinning
M194	Editing	3	Twisting
M1942	Manuscripts	4	Bleaching, dyeing
M1944	Printed books	7	Weaving
M195	Indexing	8	Textile printing
M2	Journalism	M8	Dress making
M3	Domestic science	M92	Masonry
M31	Cooking	M95	Photography
M32	Serving	M97	Leather industries
M4	Smithy	<i>To be divided as the</i>	
M5	Carpentry	Problem Divisions	
M6	Glass industry	<i>of Y1 Sociology</i>	
M7	Textiles	<i>Further divisions by the</i>	
		Subject Device	
		<i>(Illustrative)</i>	
	M7 [M] : [W]		
<i>Divisions based on the train of</i>		MB1	Calculating machines, etc.
Material or M		MB9	Horology
<i>Characteristic</i>			

USEFUL ARTS

MC3 Gramaphones
 MC5 Opticians' trade
 MD12 Clay industries
 MD5124 Horse-riding
 MD5133 Motor-driving
 MD521 Boat-rowing
 MD525 Navigation
 MD53 Aviation

MJ7 Ropemaking

MJ7 [M] : [W]

Divisions based on the train of

Material or M

Characteristic

1	Cotton	
2	Coir	
3	Hemp	
4	Flax	
5	Jute	
6	Sissal	
97	Other	vegetable fibres
98	Metal	

Divisions based on the train of

Work or W

Characteristic

Same as for

M7 Textiles

MK Veterinary science

MK [U] [P] [A] : [V]

Divisions based on the train of

Utility or U

Characteristic

Same as in

J Agriculture

with the following alterations

2	Cattle
4	Traction
5	Fondling, game

Divisions based on the train of

Part or P

Characteristic

1	Secretion, extracts like oil
2	Bones
3	Muscles
4	Whole animal
5	Eggs
6	Connective tissues
7	Skin
8	Hair, nails

ANIMALS

Fixed by the Favoured Category

Device and Alphabetic Device

applied after division by U and

P Characteristics

(Illustrative)

112	Corals
122	Pearl oysters
142	Aquarium fishes
311	Cows
312	She buffaloes
313	She goats
331	Beef cattle
332	Fish
333	Goats and sheep
334	Pigs
337	Turkeys
3392	Oysters
351	Fowls
352	Ducks
441	Bulls
442	Horses
445	Mules
446	Camels
447	Elephants
4494	Reindeer

USEFUL ARTS

541	Dogs	3	Preparation
542	Cats	7	Administering
546	Parrots	8	Storing
611	Bees	MK [U] [P] [A]: 2 or 3 [O]	
612	Fish yielding medicinal oils		
771	Silkworms	2	Morphology <i>and</i>
783	Sheep	3	Physiology
788	Fox		<i>Divisions based on the train of</i>
811	Lac insect		Organ or O
<i>Divisions based on the train of Veterinary or V</i>			<i>Characteristic</i>
	<i>Characteristic</i>		<i>Same as in</i>
1	Feeding		L Medicine
2	Morphology	4	Diseases
3	Physiology	MK [U] [P] [A]: 4 [O]: [D]: [H]	
4	Diseases		
5	Hygiene	<i>Divisions based on the train of</i>	
6	Pharmacognosy		
7	Produce		Organ or O
8	Training		Disease or D
91	Nomenclature, classification		<i>and</i>
<i>To be divided as in</i>			Handling or H
	G Biology		<i>Characteristics</i>
1	Feeding		<i>Same as in</i>
MK [U] [P] [A]: 1 [S]: [H]			L Medicine
<i>Divisions based on the train of</i>			<i>except that in the case of</i>
Substance or S			Diseases
<i>Characteristic</i>			<i>the initial 4</i>
<i>to be got by Subject Device</i>			<i>is to be omitted</i>
<i>Divisions based on the train of</i>		5	Hygiene
Handling or H		6	Pharmacognosy
<i>Characteristic</i>		MK [U] [P] [A]: 5 []: []	
1	Nomenclature, classification		
		MK [U] [P] [A]: 6: [S]	
		<i>Subdivisions same as in</i>	
		L Medicine	

USEFUL ARTS

7	Produces	MY	Physical training, sports, games, use of leisure
	MK [U] [P] [A]: 7 [M]: [O]	MY1	Physical training
	<i>Divisions based on the train of Material or M</i>	MY11	Callisthenics
	<i>Characteristic (Illustrative)</i>	MY12	Heavy exercises
	<i>For the combination</i>	MY2	Athletics
	31 of the Utility and Part numbers and its subdivisions	MY21	Ball games
		MY211	Thrown by hand
		MY2115	Basket ball
		MY2116	Volley ball
1	Milk	MY212	Driven by foot
3	Butter	MY2121	Foot ball
4	Ghee	MY2122	Rugby
5	Butter milk	MY213	Thrown with racket
8	Cheese	MY2131	Tennis
	<i>For the combination</i>	MY2132	Badminton
	35 of the Utility and Part numbers and its subdivisions	MY214	Driven by bats
		MY2141	Cricket
5	Eggs	MY2142	Base ball
6	Yolk	MY2143	Hockey
	<i>Divisions based on the train of Operation or O</i>	MY2144	Croquet
	<i>Characteristic</i>	MY2145	Golf
	<i>Same as in</i>	MY2146	Polo
	J Agriculture	MY22	Competitive sports
		MY221	Tug of war
		MY222	Throwing games
		MY223	Stilt walking
MN8	Musical instrument making	MY224	Jumping
MP	Shorthand	MY225	Running
MV4	Science of war	MY226	Cycling
MV41	Military science	MY227	Motoring
MV45	Naval science	MY23	Children's games
MV48	Airfight	MY24	Fighting sports
MX411	Traffic regulation in roads	MY241	Boxing
		MY242	Fencing

USEFUL ARTS

MY243	Archery	MY34	Occupational amusements
MY244	Shooting	MY35	Play with dolls and toys
MY245	Wrestling		
MY25	Aquatic sports	MY4	Jugglery
MY251	Swimming	MY5	Animal racing
MY252	Boating	MY6	Hunting
MY254	Skating	MY65	Fishing
MY256	Water polo	MY7	Scouting
MY28	Airsports	MY8	Club life
MY284	Aviation		
MY3	Indoor amusements, games	<i>Class number by Classic Device</i> <i>(Illustrative)</i>	
MY31	Card		
MY32	Chance games		
MY321	Dice		
MY322	Chess	MrE55	Bhoja <i>Yuktikalpa-</i>
MY33	Billiards		<i>taru</i>

△ SPIRITUAL EXPERIENCE AND MYSTICISM

△ [R]: [P]: [S]

<i>Divisions based on the train of Religion or R Characteristic</i>		<i>Divisions based on the train of Problem or P Characteristic</i>	
1	Integral, Pūrṇa	1	Nomenclature
2	Hindu	18	Symbolism
22	Hat̥ha	3	Technique
23	Jñāna	34	Breath control
24	Karma	36	Meditation
25	Bhakti	5	Visions
26	Rāja	6	Traditions
28	Siddhars (of South India)	7	Interpretation and relation
3	Jaina	8	Occultism
4	Buddhistic	83	Manifestations
42	Mahāyāna (Indian)	831	Materialisation
421	Vajrayāna	833	Clairaudience
426	Sahajayāna	834	Telepathy
428	Mantrayāna	835	Clairvoyance
44	Shingon	838	Writing
45	Amita	84	Transformation
46	Zen	86	Prophecy
47	Mahāvairōcana	862	Physiognomy
5	Judaic	8625	Macca Sāstra
6	Christian	8627	Palmistry
63	Gnostic	8628	Phrenology
7	Islamic	864	Astrology
73	Sufi	866	Precognition
8452	Mithraism	8692	Omens
8513	Neoplatonic		

SPIRITUAL EXPERIENCE AND MYSTICISM

87	Magic and witchcraft	△25xD60	Paṭṭinattu Pillai
		△25xD65	Pattiragiriyaṛ
872	Sympathetic	△25xK00	Tāyumānavar
874	Ceremonial	△25xM23	Rāmaṅgaśvāmi-gal
<i>Divisions based on the train of Subject or S Characteristic</i>		△26x4	Rāja yōga Upani- ṣads
11	God	△26x4:11	<i>Maṇḍala Brāhma- ṇopaniṣad</i>
12	Angels, devils		
14	Man	△28	S i d d h a r s of South India
15	Fairies		
16	Disembodied souls	△28x12	Rāmadevar
2	Nature	△28x13	Kumbamuni
21	Earth	△28x14	Iḍaikkāḍar
216	Mountains	△28x15	Dhanvantari
217	Rivers	△28x16	Vālmiki
25	Oceans	△28x17	Kamalamuni
28	Sky	△28x18	Bhoganāthar
2B9	Heavenly bodies	△28x21	Macca Muni
<i>(To be subdivided as in B9 Astronomy)</i>		△28x22	Koṅkanār
		△28x23	Patañjali
5	Space	△28x24	Nandi deva
6	Time	△28x25	Bodhaguru
<i>Divisions by the Classic Device</i>		△28x26	Pāmbātti
<i>(Illustrative)</i>		△28x27	Ċattaimuni
		△28x28	Sundarānanda- devar
	△2 Hindu	△28x31	Kuḍumbai Śittar
△2x4	Yōga Upaniṣads	△28x32	Gorakkar
△2x6:11	<i>Avadhūta gītā</i>	△28x33	Ahappyey Śittar
△22x3	<i>Gheraṇḍa samhitā</i>	△28x41	Sattiyānāthar
△22x4	Svā t m ā r ā m a- swāmin <i>Haṭha- yōga</i> pradīpikā	△28x42	Saṭokanāthar
		△28x43	Ādināthar
		△28x44	Anādināthar
		△28x45	Vahulināthar
△25x1	Nārada <i>Bhakti- sūtra</i>	△28x46	Mataṅganāthar
		△28x47	Maccendranāthar
△25x2	Śāṇḍilya	△28x48	Kaṭendranāthar

SPIRITUAL EXPERIENCE AND MYSTICISM

△3 Jain

△3x D50 Yōgin d u d ē v a
Paramātmāpra-
kāśa

△4 Buddhistic

△41:3x1 Y o g ā v a c ā r a
Manual

△42:3x2 Dha r m ē n d r a
Yōgavatārōpa-
deśa

△42:87x1 Tathāgata-guh-
yaka or Guhya-
samāja

△42:87x2 Pañcakrama

△42:87x4 Mañjusrī-mūla-
kalpa

△42:87x5 Caṇḍa-mahāro-
ṣaṇa-tantra

△42:87x6 Śrīcakrasaṁ-
bhāratāntra

△42:87x7 Indrabhūti Jñā-
nasiddhi

△42:87x8 Sādhana-mālā

△42:87x91 Tisavastik

△42:87x92 Dākārṇava

△47x1 Mahāvairōcana-
sūtra

△5 Judaic

△5:8x1 Zohar

△73 Sufi

△73xD40 Abu Bakral-
Kalabadhi

△73xE58 Al-Ghazzali

△73xG07 Jalal-ud-din
Mu h a m m a d
Rumi

△73xI14 Nūruddin Abd-
u r-R a h m a n
Jami

△841 Chinese

△841xD77 Secret of golden
flower

△8513 Neo-platonic

△8513x1 Hermes Herme-
tica

△8513xD20 Plotinus

△8513xI60 Ebreo (Leone)

N FINE ARTS

<i>Canonical divisions</i>		N144:E	Jaina
N1	Architecture	N144:J	Moghul
N2	Sculpture	N1441	Dravidian
N3	Engraving	N144112:G	Pallava
N4	Graphic Art, Drawing, Design	N14431:D	Cālukyan
N5	Painting	N145:C	Persian
N6	Ceramics	N145:D	Selucid and Sassanian
N7	Dance	N146	Saracenic
N8	Music	N1461	Arabian
N91	Theatre	N1463:C	Jewish
N915	Cinemas	N147:A	Babylonian
N9153	Talkies	N147:B	Assyrian
N1 ARCHITECTURE		N147:D	Byzantine
N1 [G]: [C] [U]: [P]		N1492	Syrian
N11	Technique	N15	European
N111	Composition, proportion	N15:D	Romanesque
N113	Plan	N15:F	Gothic
N114	Elevation	N15:J	Renaissance
N115	Section	N151	Greek
N116	Perspective	N151:A	Minoan and Mycenaean, Pelasgic
N118	Models	N151:C	Hellenic
<i>Divisions based on the train of Style or S Characteristic (illustrative)</i>		N1513:C	Corinthian
N141	Chinese	N1517:C	Doric
N142	Japanese	N1519:C	Ionian
N144	Indian	N152	Italian
N144:C	Buddhist	N152:C	Etruscan
		N152:D	Roman
		N152:E	Tuscanian

FINE ARTS

N156	British	4	Hotels, etc.
N1561:D	Anglo-Saxon	43	Restaurants
N1561:E	Norman	44	Hotels, hostels
N1561:H	Early English	45	Inns
N1561:J	Tudor	5	City halls
N1563	Scottish	6	Museum buildings
N1563:G	First period	7	General office buildings
N1563:H	Second period		
N1563:I	Third period	8	Sepulchral monuments
N1563:J	Fourth period		
N1564	Irish	9	Other buildings
N1564:D	Celtic		(To be divided by the
N1564:G	Mediaeval		Subject Device)
N167	Egyptian		<i>Divisions based on the train of</i>
N174:F	Aztec		Part or P
			<i>Characteristic</i>
	<i>Divisions based on the train of</i>		<i>For '1 Town Planning'</i>
	Utility or U		
	<i>Characteristic</i>	1	Zones
1	Town planning	3	Landscape
11	Village	4	Roads, avenues
13	Town	5	Markets
15	City	6	Public resorts
17	Metropolis	61	Places for public worship
2	Buildings	62	Public baths
22	Library buildings	64	Promenades
	<i>To be divided on the basis</i>	65	Playgrounds
	<i>of the 'L' Characteristic</i>	66	Parks
	<i>of '2 Library Science'</i>	691	Theatres
3	Dwellings	7	Monuments
31	Rural houses	8	Cemeteries
33	Urban houses	9	Other parts
35	City houses		<i>For the other Utility Divisions</i>
37	Castles, palaces	3	Floor
39	Other groupings	4	Supports
391	Detached houses	41	Walls
393	Attached houses	45	Pillars
399	Workmen's cottages	453	Base

FINE ARTS

455	Shaft	N219	Other aspects
458	Capital	N2198	Preservation
46	Arches	<i>Divisions based on the train of</i>	
5	Stairways	Material or M	
6	Roof	<i>Characteristic</i>	
62	Gables	1	Wood
63	Roof covering	3	Marble
631	Tiles	4	Stone
633	Ceiling	5	Bronze
64	Flat roof	6	Other metals
65	Domes	7	Terracotta
66	Spires	8	Ivory
67	Towers	9	Other materials
7	Windows	<i>Divisions based on the train of</i>	
71	Compass window	Figure or F	
72	Offertory window	<i>Characteristic</i>	
73	Rose window	1	Human figures
74	Venetian window	11	Equestrian statues
79	Other types	18	Busts
8	Doors	2	Nature
9	Other features	21	Earth
91	Cornices	216	Mountains
92	Friezes	217	Rivers
94	Fire places, mantles	218	Lakes
98	Chimneys	25	Oceans
99	Decorations	3	Landscape
992	Decoration in relief	4	Plants
993	Veneering	5	Animals
994	Mosaic	6	Scenes
995	Painted decoration	7	Numismatics
996	Stained glass	71	Coins
999	Other modes	72	Medals
		74	Seals
		8	Sepulchres
		81	Effigies
		9	Other subjects
		<i>(To be divided by the</i>	
		<i>Subject Device)</i>	
		9Q	Iconography
N2 SCULPTURE			
N21	Technique		
N214	Design, drawing		
N215	Making of casts		
N218	Modelling		

FINE ARTS

N3 ENGRAVING

Canonical Divisions

N31	Line
N32	Stipple
N33	Mezzotint
N35	Aquatint
N36	Etching
N38	Lithography

N5 PAINTING

N51	Technique
N511	Composition
N512	Colour
N513	Water-colour painting
N514	Oil-painting
N515	Gouache
N516	Distemper
N517	Encaustic
N519	Other topics
N5198	Preservation

Divisions based on the train of Material of surface or M Characteristic

1	Wood
2	Paper
3	Fresco
4	Stone
5	Metals
6	Glass
7	Canvas
8	Ivory
9	Other surfaces

Divisions based on the train of Figure or F Characteristic (Same as for 'N2 Sculpture')

N8 MUSIC

Divisions based on the train of Instrument or I Characteristic

1	General
2	Wind instruments
21	Pipe
22	Flute
23	Organ
24	Clarionet
25	Oboe
26	Bassoon
27	Bagpipe
28	Trumpet
29	Others
291	Harmonium
3	Stringed instruments
31	<i>Vīṇā</i>
32	Violin
34	Piano
35	Harp
36	Lute
39	Others
4	Percussion instruments
41	Drum
42	Kettle-drum
48	Cymbals
49	Others
91	Vocal

Divisions based on the train of Music or M Characteristic

1	Words, libretto
18	Notation
2	Forms
6	Keeping time, <i>tālam</i>
91	Dramatic music
92	Orchestral music

FINE ARTS

Class Numbers by the Classic Device (Illustrative)

N144x1	<i>Mānasāra</i>
N744x1	<i>Nandikeśwara Abhinayadarpaṇa</i>
N844x1	<i>Śārṅgadeva Saṅgītaratnākara</i>
N844x2	<i>Dattilamuni Dattila</i>
N844x3	<i>Mataṅgamuṇi Brhaddeśi</i>
N844x4	<i>Pārśvadevā Saṅgītasamayasāra</i>
N844x5	<i>Nārada Saṅgītamakaranda</i>
N844xJ20	<i>Rāmāmātya Svaramelakalānidhi</i>
N844xK12	<i>Ahobala Saṅgītapūrijāta</i>
N8441: Kx6	<i>Venkaṭamakhin Caturdaṇḍiprakāśikā</i>
N8441: KxK09	<i>Somaṇātha Rāgāvibodha</i>

O LITERATURE

O [L]: [F] [A]: [W]

	<i>Divisions based on the</i>	4	Letters, literature
	Form or F		written in the form
	<i>Characteristic</i>		of letters
1	Poetry	5	Orations :
2	Drama	6	Other forms of
3	Fiction, including		prose
	short stories	7	Campu

Class Numbers by Special devices (illustrative)

Shakespeare Controversy

- O:2J64:90w1 Bacon—Shakespeare
 O:2J64:90w2 Rutland—Shakespeare
 O:2J64:90w3 Derby—Shakespeare
 O:2J64:90w4 Oxford—Shakespeare

Greek literary criticism

- O13:1:9x1 Aristotle *Poetics*

Ancient Sanskrit poetry

- O15:1A1 Rāmāyaṇa
 O15:1A2 Mahābhārata

Sanskrit literary criticism. Alamkara

- O15:2:9xD98 Dhanañjaya *Daśarūpaka*
 O15:2:9xD98I Dhanika *Avaloka*
 O15:2:9xG43 Sāgaranandin *Nāṭakalakṣaṇa ratnakōśa*
O15:9x1 Bharata Nāṭya-śāstra
 O15:9x13 Abhinavagupta *Abhinavabhāratī* or *Nāṭyaveda-vivṛti*
O15:9x2 Bhamaha Bhāmahālaṃkāra or Kāvyaḷaṃkāra
O15:9x3 Dandin Kāvyaḍarśa
O15:9x31 Taruṇāvācaspati Kāvyaḍarśaṭika

LITERATURE

- O15 :9x32 *Hṛdayaṅgama*
 O15 :9x33 Vādijaṅghāla *Śrutānupālīnī*
 O15 :9x34 Harinātha Mahopādhyāya *Mārjana*
 O15 :9x38 Jivānandavidyāsāgara Bhaṭṭācārya *Kāvyaḍarśa-
tīkā*
 O15 :9x4 Udbhata *Kāvyaḷaṃkāra-sārasaṃgraha*
 O15 :9x41 Pratihārendurāja *Laghuvṛtti*
 O15 :9x43 Rājānaka Tilaka *Vivṛti*
 O15 :9x5 Vamana *Kāvyaḷaṃkārasūtravṛtti*
 O15 :9x52 Gopendra Tippa Bhūpāla *Kāmadhenu*
 O15 :9x6 Rudrata *Rudraṭāḷaṃkāra*
 O15 :9x62 Nami Sādhu *Rudraṭāḷaṃkāraṭippaṇa*
 O15 :9x65 Āśādhara's commentary
 O15 :9x7 Anandavardhana *Dhvanyāloka*
 O15 :9x73 Abhinavagupta *Kāvyaḷoka-locana*
 O15 :9x731 Parameśvarācārya *Locana-vyākhyā-kaumudī*
 O15 :9x732 S. Kuppaswāmi Śāstri *Upalocana*
 O15 :9x8 Mammata *Kāvyaḷprakāśa*
 O15 :9x81 Ruyyaka *Samketa*
 O15 :9x82 Māṇikyacandra *Samketa*
 O15 :9x83 Bhaṭṭagopāla *Sāhityacūdāmaṇi*
 O15 :9x84 Ratneśvara's commentary
 O15 :9x85 Viśvanātha *Darpaṇa*
 O15 :9x86 Vidyācakravartin *Brhaṭṭīkā* or *Sampradāya pra-
kāśinī*
 O15 :9x87 Govinda Ṭhakkūra *Pradīpa*
 O15 :9x871 Vaidyanātha *Pradīpaprabhā*
 O15 :9x872 Nāgogi Bhaṭṭa *Pradīpoddyota*
 O15 :9x88 Vāmanācārya's commentary
 O15 :9xD85 Rudrabhaṭṭa *Śṛṅgāratilaka*
 O15 :9xD90 Ajitasenācārya *Alaṃkāracintāmaṇi*
 O15 :9xD91 Rajasekhara *Kāvyaṃimāmsā*
 O15 :9xD92 Mukula Bhaṭṭa *Abhidhāvṛttimātrkā*
 O15 :9xE25 Ksemendra *Aucityavicāracarṇā*
 O15 :9xE50 Kuntala *Vakroktiḷivita*
 O15 :9xE51 Mahimabhata *Vyaktiviveka*
 O15 :9xE511 *Vyaktiviveka vyākhyā*

LITERATURE

- O15:9xE55:1** *Bhoja Sarasvatikanṭhābharāṇa*
O15:9xE55:2 *Bhoja Sṛṅgāraprakāśa*
O15:9xE551 *Ratneśvara Ratnadarpaṇa*
O15:9xE552 *Jagaddhara Tikā*
O15:9xE60:1 *Mammaṭa Śabdavyāpāra vicāra*

O15:9xE89 *Hemacandra Kāvyaṇuśāsana*
O15:9xF20:1 *Ruyyaka Alaṃkārasarvasva*
O15:9xF20:11 *Jayaratha Alaṃkārasarvasva-vimarśinī*
O15:9xF20:12 *Samudrabandha Alaṃkārasarvasva-vyākhyā*
O15:9xF20:13 *Vidyācakravartin Sañjivinī*
O15:9xF20:14 *Mankhuka Alaṃkāra sūtravṛtti*
O15:9xF20:2 *Ruyyaka Sāhityamīmāṃsā*

O15:9xF25 *Vagbhata I Vāgbhaṭālaṃkāra*
O15:9xF252 *Simhadevagaṇi's commentary*
O15:9xF90 *Śāradātanaya Bhāvaprakāśa*
O15:9xG42 *Arisimha Kavitārahasya or Kāvyaikalpalatā*
O15:9xG421 *Amaracandra Kaviśikṣāvṛtti*

O15:9xG90 *Vagbhata II Kāvyaṇuśāsana*
O15:9xG901 *Vāgbhaṭa Alaṃkāratilaka*
O15:9xH00 *Deveśvara Kavikalpalatā*
O15:9xH001 *Vecārāma Sārvabhauma's commentary*
O15:9xH002 *Rāmagopāla Kaviratna's commentary*

O15:9xH10 *Jayadeva Candrāloka or Pīyūṣavarṣa*
O15:9xH101 *Pradyotana Bhaṭṭa Candrālokaprakāśa Sara-
dāgama*
O15:9xH102 *Viśveśvara or Gāgābhaṭṭa Rākāgama or Sudhā*
O15:9xH103 *Vaidyanātha Pāyaguṇḍa Ramā*
O15:9xH104 *Virūpākṣa Sāradaśarvarī*

O15:9xH15 *Vidyadhara Ekāvalī*
O15:9xH151 *Mallinātha Taralā*

O15:9xH16 *Vidyanatha Pratāparudra-yaśobhūṣaṇa*
O15:9xH161 *Kumārasvāmin Ratnāpaṇa*
O15:9xH30 *Śiṅgabhūpāla Rasārṇava-sudhākara*

O15:9xH35 *Visvanatha Sāhityadarpaṇa*
O15:9xH352 *Rāmacaraṇa Tarkavāgīśa Vivṛti*
O15:9xH554 *Gopīnātha Prabhā*

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- O15:9xH50:1** **Bhanudatta** *Rasataranṅgiṇī*
O15:9xH50:11 Ghṅgārāma Jaḍi *Naukā*
O15:9xH50:2 **Bhanudatta** *Rasamanjari*
O15:9xH50:21 Ananda Paṇḍita *Vyaṅgyārtha kaumudī*
O15:9xH50:22 Nāgeśa Bhaṭṭa *Prakāśa*
O15:9xH50:23 Śeṣacintāmaṇi *Parimala*
O15:9xH50:24 Gopālācārya *Vikāśa*
O15:9xH50:25 Dravida Gopāla Bhaṭṭa *Rasikarañjaṇī*
O15:9xH50:27 *Amoda*
O15:9xH50:2M80 Badarinātha Śarma *Surabhi*
O15:9xJ24 **Kavikarnapura** *Alaṃkāra-kaustubha*
O15:9xJ241 Viśvanāthacakravartin *Alaṃkāra-kaustubha*
sārabodhinī
O15:9xJ242 *Alaṃkāra-kaustubha-kiraṇa*
O15:9xJ32 Rūpa Gosvāmin *Ujjvalanīlamani*
O15:9xJ321 Jīva Gosvāmin *Locana-rocanī*
O15:9xJ322 Viśvanāthacakravartin *Anandacandrikā* or
Ujjvalanīlamani-kiraṇa
O15:9xJ35 Gaṅgānanda Maithila *Karṇabhūṣana*
O15:9xJ53:1 Appayadiksita *Kuvalayānanda*
O15:9xJ53:11 Vaidyanātha Tatsat *Alaṃkāra candrikā*
O15:9xJ53:12 Āśādhara *Alaṃkāradīpikā*
O15:9xJ53:13 Gaṅgādharaḍhvarin or Gaṅgādhara-vājapeyin
Rasikaramani
O15:9xJ53:14 Nāgoji Bhaṭṭa *Alaṃkārasudhā*
O15:9xJ53:2 Appayadiksita *Citraṃīmāmsā*
O15:9xJ53:3 Appayadiksita *Vṛttivārtika*
O15:9xJ60 Keśava Miśra *Alaṃkāraśekhara*
O15:9xJ64 Prabhākara Bhaṭṭa *Rasapradīpa*
O15:9xJ90 Kavicandra *Kāvya-candrikā*
O15:9xK36 Rājacūḍamanīdikṣita *Kāvya-darpaṇa*
O15:9xK40 Nṛsimhakavi *Nañjarājayaśobhāṣana*
O15:9xK75:1 Jagannatha *Rasagaṅgādhara*
O15:9xK75:11 Nāgeśa Bhaṭṭa *Gurumarma-prakāśikā*
O15:9xK75:2 Jagannātha *Citraṃīmāmsākhaṇḍana*
O15:9xL00 Viśveśvara Bhaṭṭa *Alaṃkāra-kaustubha*
O15:9xL10 Cirañjīvi Bhaṭṭācārya *Kāvya-vilāsa*
O15:9xL20 Cirañjīvi Bhaṭṭācārya *Sṛṅgārāḍḍikini*

LITERATURE

O15:9xL30	Kṛṣṇa Sarman Maṇḍāramaranda Campu
O15:9xM31	Acyutarāya Sāhityasāra
O15:9xM50	Kṛṣṇa Brahmatantra Parakālaswāmin Alam- kāramaṇihāra

Ancient Tamil Poems. Sangamul

O31:1A	<i>Eṭṭuttokai</i>
O31:1A1	<i>Narrinai</i>
O31:1A2	<i>Kuruntokai</i>
O31:1A3	<i>Aingurunūru</i>
O31:1A4	<i>Patirruppattu</i>
O31:1A5	<i>Paripādal</i>
O31:1A6	<i>Kalittokai</i>
O31:1A7	<i>Aganānūru</i>
O31:1A8	<i>Puranānūru</i>
O31:1B1	<i>Paḍinen kizhkanakku</i>
O31:1B21	<i>Nāladīyār</i>
O31:1B22	<i>Nānmaṇikkatikai</i>
O31:1B3	<i>Nānārppatu</i>
O31:1B31	<i>Innā nārppatu</i>
O31:1B32	<i>Iniyavai nārppatu</i>
O31:1B33	<i>Kār nārppatu</i>
O31:1B34	<i>Kalavazhinārppatu</i>
O31:1B4	<i>Aintiṇai</i>
O31:1B41	<i>Aintiṇai aimpatu</i>
O31:1B42	<i>Aintiṇai ezhupatu</i>
O31:1B43	<i>Tiṇaimozhiyaimpatu</i>
O31:1B44	<i>Tiṇaimālai nūrraimpatu</i>
O31:1B5	<i>Tirukkural</i>
O31:1B51	<i>Arattuppāl</i>
O31:1B52	<i>Porutpāl</i>
O31:1B53	<i>Kāmattuppāl</i>
O31:1B61	<i>Tirukaṭukam</i>
O31:1B62	<i>Acārakkovai</i>
O31:1B63	<i>Pazhamozhi</i>
O31:1B64	<i>Cirupanca mālām</i>
O31:1B65	<i>Mutumozhikkānchi</i>
O31:1B66	<i>Elādi</i>

LITERATURE

O31 :1B67	<i>Kainilai</i>
O31 :1B7	<i>Pattuppāttu</i>
O31 :1B711	<i>Tirumurukārruppā dai</i>
O31 :1B712	<i>Porunarārruppā dai</i>
O31 :1B721	<i>Cirupānarruppā dai</i>
O31 :1B722	<i>Perumpānarruppā dai</i>
O31 :1B731	<i>Mullaippāttu</i>
O31 :1B732	<i>Maturaikkāñchi</i>
O31 :1B741	<i>Nedunalvā dai</i>
O31 :1B742	<i>Kuruñchippāttu</i>
O31 :1B751	<i>Paṭṭinappā lai</i>
O31 :1B752	<i>Malai paṭu kaḷām</i>
O31 :1B8	<i>Pancha kāvyam</i>
O31 :1B81	<i>Cīvaka cintāmani</i>
O31 :1B82	<i>Cilappadikāram</i>
O31 :1B83	<i>Maṇimekalai</i>
O31 :1B84	<i>Valaiyapāṭi</i>
O31 :1B85	<i>Kuṇḍalakeci</i>

Kannarese Poetics and Prosody

O33 :1:9x1	<i>Kavirāja mārgam</i>
O33 :1:90Px1	<i>Nāgavarma Chandombudhi</i>
O33 :1:90Px2	<i>Nandi Chandas</i>

Telugu Prosody

O35 :1:90Px1	Bhīmakavi (Vemulavāda) <i>Kavijanāśrayamu</i>
O35 :1:90Px2	Ananta <i>Anantuni chandamu</i> or <i>chandodar- paṇamu</i>
O35 :1:90Px3	Tātambhaṭṭa (Mannulakṣaṇakavi) <i>Sulak- ṣaṇasāramu</i>
O35 :1:90Px4	Kastūriraṅgayya <i>Anandaraṅgarāṭchandamu</i>
O35 :1:90Px94	Subrahmaṇya Śāstri (A) <i>Kāvyaḍarśamu</i>
O35 :1:90PxJ45	Ramabadra Kavi <i>Kavijana sanjivini</i>

P LINGUISTICS

P [L]: [S] [P]: [E]

<i>Common subdivisions of variants</i>			
01	Dialect	15:A	Ancient or Vedic Sanskr̥t
04	Slang	15:B	Epic Sanskr̥t
05	Jargon	15:C	Classical Sanskr̥t
		—	—
Stage Numbers <i>(illustrative)</i>		31:A	Ancient Tamil
111:D	Old English	31:J	Modern Tamil
111:E	Middle English	—	—
111:J	Modern English	33:A	Ancient Kanarese
—	—	33:E	Old Kanarese (Hala Kanarese)
113:D	Old German	33:J	Modern Kanarese (Hosa Kanarese)
113:E	Middle German		
113:J	Modern German		
—	—		
114:D	Old Swedish	<i>Divisions based on the train of Problem or P Characteristic</i>	
114:J	Modern Swedish		
—	—	1	Sound, phonetics, phonology
115:D	Old Norse	12	Accent
115:J	Modern Norwegian	122	Quantity. Stress accent
—	—	123	Quality, pitch, pitch accent
117:D	Old Icelandic	13	Conditional changes, combinative changes, e.g., Umlaut, Verner's Law
117:J	Modern Icelandic	—	—
122:A	Old French	14	Sudden changes, loss, appearance
122:F	Middle French	15	Changes due to analogy
122:H	Modern French		
—	—		
1295:D	Old Irish		
1295:E	Middle Irish		
1295:N	Modern Irish		

LINGUISTICS

16	Unconditional changes, isolative changes, <i>e.g.</i> , Grimm's Law	336	Adjuncts to predicate
		38	Function by position
18	Representation	4	Meaning for a given element, semasiology
2	Structure, morphology		
21	Number	5	Element for a given idea
22	Gender		
23	Case	52	Adaptation of existing elements
24	Degrees of comparison	53	Coining of elements
25	Person	58	Borrowing from other languages
26	Mood		
27	Tense	7	Composition
28	Derivation if applied to <i>words</i> , transformation if applied to <i>sentences</i>	75	Figure of speech, imagery
			<i>Divisions based on the train of Element or E</i>
291	Composition if applied to <i>words</i> , synthesis if applied to <i>sentences</i>		<i>Characteristic</i>
		1	Isolated sound, phonemes
		11	Vowel
3	Function, syntax	111	Back
301	Number	115	Mixed
302	Gender	118	Front
303	Case		<i>Common subdivisions for 11 and its subdivisions</i>
304	Degrees of comparison	01	Close
305	Person	03	Half close
306	Mood	05	Half open
307	Tense	07	Open
31	Function by accent	08	Nasal
33	Analysis	13	Diphthongs
331	Subject	15	Consonants
332	Adjuncts to subject	151	Glotted
335	Predicate	152	Circular

LINGUISTICS

153	Velar	32	Adjective
154	Palatal	321	Proper
155	Post-dental alveolar	322	Descriptive
156	Predental	323	Quantitative
157	Labiodental	324	Demonstrative
158	Bilabial	325	Distributive
	<i>Common subdivisions for</i>	33	Numeral
	15 and its subdivisions	331	Cardinal
		335	Ordinal
01	Plosive		
02	Lateral	34	Pronoun
03	Rolled	341	Personal
04	Fricative	344	Demonstrative
05	Semi-vowel	345	Relative
08	Nasal	346	Interrogative
16	Voiced consonants	35	Verb
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17	Unvoiced consonants	353	Infinitival form
	<i>To be subdivided as '15'</i>	354	Infinitive
		356	Gerund
2	Syllable	357	Participle
203	Formative elements,	359	Special form
	prefixes, suffixes	3591	Auxiliary
	infixes	3594	Defective
27	Specific syllables	3597	Anomalous
3	Word	36	Adverb
301	Root	361	Simple
302	Stem	365	Relative
303	Compound word	366	Interrogative
305	Loan words		
31	Noun	37	Preposition
311	Concrete	371	Simple
312	Proper	372	Compound
313	Common	373	Participial
314	Class	377	Disguised
315	Collective	38	Conjunction
316	Material	381	Subordination
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397	Specific words		
4	Phrases		<i>To be divided by</i>
	<i>To be divided as '3'</i>		Form characteristic as in O Literature
5	Clauses	794	Anagrams
	<i>To be divided as '3'</i>	8	Punctuation
		88	Representation
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601	Simple		
605	Compound		<i>To be divided if necessary</i>
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Class numbers by Classic Device (illustrative) Vedic Sanskrit

P15:10A α 1	Śaunaka <i>R̥gvedaprātiśākhya</i>
P15:10A28:3 α 1	Yāska <i>Nirukta</i>
P15:10A28:3 α 12	Durgācārya <i>Ṛjvartha</i>
P15:10A28:3 α 14	Skandavāmin's commentary
P15:10A28:3 α 15	Maheśvara's commentary
P15:10A28:3 α 16	Devarājayaivan's commentary
P15:10A28:4 α 1	<i>Nighaṇṭu</i>
P15:25A α 1	<i>Taittirīya-prātiśākhya</i>
P15:25A1 α 1	Vyāsa <i>Vyāsaśikṣā</i>
P15:25A1 α 8	Śrīvatsānka <i>Saptalakṣaṇa</i>
P15:26A α 1	Kātyāyana <i>Vājasaneyaprātiśākhya</i>
P15:30A α 1	<i>Sāmaveda-prātiśākhya</i>
P15:30A α 2	<i>Puṣpasūtra</i>
P15:30A α 3	<i>Pañcavidhasūtra</i>
P15:40A α 1	<i>Atharvaveda-prātiśākhya</i>

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P15:C α 1	Panini <i>Aṣṭādhyāyī</i>
P15:C α 11	Kātyāyana or Vararuci <i>Vṛtti</i>
P15:C α 12	Patanjali <i>Mahābhāṣya</i>
P15:C α 121	Kaiyaṣa <i>Mahābhāṣya-pradīpa</i>
P15:C α 1211	Nāgoji Bhaṭṭa or Nāgeśa Bhaṭṭa <i>Mahābhāṣya-pradīpoddya</i>

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- P15:Cx1212 *Isvarānanda Mahābhāṣya-pradīpavivarana*
- P15:Cx13 *Jayaditya or Vamanajayaditya Kāśikāvṛtti*
- P15:Cx131 *Haradatta Miśra Padamañjarī*
- P15:Cx132 *Jinendra Kāśikāvṛtti-pañcīkā or Nyāsa*
- P15:Cx14 *Bhartrhari Dīpikā*
- P15:Cx15 *Bhattojīdikṣita Śabda-Kaustubha*
- P15:Cx151 *Bālabhāṭṭa or Vaidyanātha Pāyaguṇḍe Prabhā*
- P15:Cx16 *Bhattojīdikṣita Siddhānta Kaumudī, Laghu Kaumudī, Madhya Kaumudī*
- P15:Cx161 *Bhattojīdikṣita Manoramā, Praudha-manoramā*
- P15:Cx1611 *Harīdikṣita Śabdaratna, Laghu-śabdaratna*
- P15:Cx16111 *Bālabhāṭṭa or Vaidyanātha Pāyaguṇḍe Bhāva-prakāśīkā*
- P15:Cx1612 *Kauṇḍa Bhāṭṭa Praudha-manoramā khandana*
- P15:Cx162 *Jñānendra Sarasvatī Tattva-bodhinī*
- P15:Cx163 *Nāgoji Bhāṭṭa or Nāgeśa Bhāṭṭa Śabdendu-śekhara, Laghu-śabdenduśekhara*
- P15:Cx1631 *Bālabhāṭṭa or Vaidyanātha Pāyaguṇḍe Cīdas-thimālā*
- P15:Cx164 *Jayakṛṣṇa Subodhinī*
- P15:Cx165 *Vāsudevadīkṣita Bāla-manoramā*
- P15:Cx17 *Ramacandracārya Prakriyā kaumudī*
- P15:Cx171 *Viṭṭhalācārya Prakriyākaumudī-prasāda*
- P15:Cx172 *Jayanta Tattvacandra*
- P15:Cx19 *Paribhasas*
- P15:Cx191 *Śiradeva Paribhāṣāvṛtti*
- P15:Cx192 *Bhāskara Bhāṭṭa Laghu-paribhāṣā-vṛtti*
- P15:Cx193 *Paribhāṣārtha-saṃgraha*
- P15:Cx1931 *Svayamprakāśānanda Candrikā*
- P15:Cx194 *Nāgoji Bhāṭṭa or Nāgeśa Bhāṭṭa Paribhāṣendu-śekhara*
- P15:Cx1941 *Bālabhāṭṭa or Vaidyanātha Pāyaguṇḍe Paribhāṣendu-śekhara-kausika*
- P15:Cx195 *Nilakaṇṭhadīkṣita Paribhāṣā-vṛtti*
- P15:Cx1E00 *Dharmakīrti Rūpavatāra*
- P15:Cx1F90 *Puruṣottamadeva Bhāṣā-vṛtti*
- P15:Cx1K10 *Annambhāṭṭa Vyākaranamūlakṣara*
- P15:Cx1M40 *Oraṃbhāṭṭa Vyākaranadīpikā*

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- P15:Cx21** Candragomin *Candra-vṛtti*
- P15:Cx25** Kāśyapa *Bālāvabodha*
- P15:Cx3** Jainendra or Indra or Devanandi or Pujya-
padaswami *Jainendra-vyākaraṇa*
- P15:Cx31** Devanandi *Mahāvṛtti*
- P15:Cx32** Somadeva *Śabdārṇava Candrikā*
- P15:Cx33** Abhayanandi *Mahāvṛtti*
- P15:Cx34** Śrutakīrti *Pañcavastu*
- P15:Cx4** Sakatayana *Śabdānuśāśana*
- P15:Cx41** Śākaṭāyana *Amoghavṛtti*
- P15:Cx42** Prabhacandrācārya *Nyāsa*
- P15:Cx43** Yakṣavarma *Cintāmaṇi*
- P15:Cx431** Ajitasenācārya *Maṇiprakāśikā*
- P15:Cx432** Maṅgarāsa *Cintāmaṇi-pratīpada*
- P15:Cx433** Sāmantabhadra *Tippanī*
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- P15:Cx436** Dayapāla *Rūpasiddhi*
- P15:Cx5** Hemacandra *Śabdānuśāśana*
- P15:Cx51** Hemacandra *Śabdānuśāśana-br̥hadvṛtti*
- P15:Cx511** *Nyāsa*
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- P15:Cx59** Paribhasas
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- P15:Cx5911** Hemahamsavijayagaṇi *Nyāyārthamañjūṣā*
- P15:Cx6** Sarvavarman *Kātantra-sūtrapāṭha*
- P15:Cx61** Durgasimha *Kātantravṛtti*
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- P15:Cx6111** Pṛthvīdhara's commentary
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- P15:Cx6122 Kuśala's commentary
- P15:Cx6123 Rāmacandra's commentary
- P15:Cx613 Mahādeva *Sabdasiddhi*
- P15:Cx66 Bhaṭṭa Jagaddhara *Bālabodhini*
- P15:Cx661 Ugrabhūti *Bālabodhini-nyāsa*
- P15:Cx67 Chichubhaṭṭa *Laghuvṛtti*
- P15:Cx7 Narendracarya *Sārasvata-sūtras*
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- P15:Cx711 Kuñjarāja's commentary
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- P15:Cx713 Kṣemendra's commentary
- P15:Cx714 Candrakīrti *Dīpikā*
- P15:Cx715 Mādhava's commentary
- P15:Cx716 Vāsudeva Bhaṭṭa *Sārasvataprakāśa*
- P15:Cx717 Maṇḍana's commentary
- P15:Cx718 Megharatna's commentary
- P15:Cx71J50 Dhaneśvara's commentary
- P15:Cx71J70 Jagannātha *Sārapradīpikā*
- P15:Cx71J90 Kāśinātha *Sārasvatabhāṣya*
- P15:Cx71J95 Bhaṭṭa Gopāla's commentary
- P15:Cx71K20 Sahajakīrti *Sārasvataprakriyā-vārtika*
- P15:Cx71K50 Hamsaviṇayaṇi *Sabdārtha-candrikā*
- P15:Cx71K80 Rāmabhaṭṭa *Rāmabhaṭṭi* or *Vidvat-prabodhinī*
- P15:Cx72 Rāmacandrāśrama *Siddhānta-candrikā*
- P15:Cx721 Lokeśakara *Tattvadīpikā*
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- P15:Cx73 Tarkatilaka Bhaṭṭācārya's commentary
- P15:Cx74 Jinendu or Jinaratna *Siddhāntaratna*
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- P15:CxF60 Vopadeva or Bopadeva *Mugdhabodha*
- P15:CxF605 Rāmatarakavāgiśa's commentary
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- P15:C:301x11 Maitreyarakṣita *Dhātupradīpa* or *Tantrapradīpa*

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- P15:C:301x12 **Bhīmasena** *Commentary*
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P15:C:301x14 Mādhavācārya or Sāyanācārya *Mādhavācārya-dhātuvṛtti*
- P15:C:301xF60 Bopadeva or Vopadeva *Kavikalpadruma*
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- P15:C:302x1 **Panini** *Gaṇapāṭha*
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- P15:C:303x1 **Panini** *Uṇādi-sūtras*
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- P15:C3x4 **Bhartrhari** *Vākya-pradīpa*
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- P15:C3x6 **Nagesa Bhatta** or **Nagoji Bhatta** *Vaiyākaraṇa-siddhānta-māñjūṣā*
- P15:C3x61 Vaidyanātha Pāyaguṇḍe or Bālabhātṭa *Kalā*
- P15:C4x1 **Amarasimha** *Amraakośa* or *Nāmalingānuśāsana*
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- P31:Jx15 Sankaranamassivāyar *Urai*
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- Kanarese**
- P33:E4x1 Nāgavarma *Abhidhāna-vastukōśa*
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- P35:Ex1 Nannayabhaṭṭācārya *Āndhra-śabda-cintāmaṇi*
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78	<i>Others by the Chronological Device</i> (<i>Illustrative</i>)		'2 Hinduism (Post-vedic)'
		21	Relevant selections from the Vedas
78M5	Bahaism		
78M9	Ahamadiyas	22	Relevant selections from Purāṇas
8	Other Religions	23	Samhitās, āgamas, tantras
	<i>Divided by the Geographical Device and Favoured Category Device</i> (<i>Illustrative</i>)	24	Upaniṣads
		3	Theology
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8412	Confucianism	311	<i>Avasara</i>
8413	Lao-Tseism. Taoism	315	<i>Avatāra</i>
8421	Shintoism	32	Angels, devils, etc.
8441	Sikhism	324	<i>N a v a g r a h a s</i> (Planets)
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		35	Salvation
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354	Repentance	4193	Gifts
355	Regeneration	4194	Appeasement
356	Grace	4195	Expiation
36	Eschatology	4196	Devotion
361	Death	4198	Pilgrimage
362	Intermediate state	42	Sacraments (<i>Gṛh-</i>
363	Judgment		<i>yasūtrās</i> in Vedic
364	Heaven		religion)
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366	Rebirth	426	Confirmation
367	Eternity	427	Marriage
368	Immortality	428	Obsequies
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39	Other topics	43	Holy days
396	Revelation	433	Fasts
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41	Personal		religion)
411	Initiatory	447	Monkhood
412	Meditative	448	Penance
413	Evangelistic	45	Public worship
414	Worship	451	Ecclesiology
4146	Prayer	452	Consecration
415	Symbolism	454	Worship
416	Sacred furniture	456	Sacred furniture
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418	Sacred formulæ, in-	494	Sacrifices
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RELIGION

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51	Preaching	<i>Samhitās</i>
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53	Pastoral visitations	Q125 :214 Ekāgnikāṇḍa,
57	Societies for parish work	Mantrapraśna, Mantrapāṭha
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6	Religious institu- tions	Q131 :212 Āraṇyaka
		Q131 :213 Uttarārcika
61	Religion and its re- lation to other in- stitutions	Q131 :214 Stobha
		Q131 :215 Veyagāna
		Q131 :216 Araṇyagāna
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62	Ecclesiastical polity	Q131 :218 Rahasyagāna
621	Clergy	
6211	Apostolic succession	<i>Brāhmaṇas</i>
6212	Papacy	Q112 :22 Sāṅkhāyana
6213	Episcopate	Q127 :22 Śatapatha
6214	Lay ministry	
65	Missions	Q131 :23 Sāmavidhāna
67	Monastic orders	Q131 :221 Pancavimśa
68	Religious associa- tions	Q 31 :222 Śaḍvimśa
		Q131 :224 Ārṣeya
		Q131 :225 Chāndogya
681	Religious societies for men and women	Q131 :226 Devatādhyāya
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6811	Societies for men	<i>Upaniṣads</i>
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7	Religious sects	Q127 :24 Bṛhadāraṇyaka
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RELIGION

<i>Kalpasūtras</i>	Q2 Hinduism (Post Vedic) <i>Dharma Śāstrās</i>
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Q112:4x2 Śāṅkhāyana	Q2:4x11 Medhātithi
Q124:4x1 Mānava	Q2:4x12 Kullūkabhaṭṭa
Q124:4x2 Kāṭhaka	Q2:4x13 Govindarāja
Q124:4x3 Varāha	Q2:4x14 Nandana
Q125:4x1 Baudhāyana	Q2:4x15 Sarvajña Nārā- yaṇa
Q125:4x2 Āpastamba	Q2:4x16 Nārāyaṇa
Q125:4x3 Bhāradvāja	Q2:4x17 Rāghavendra
Q125:4x4 Hiraṇyakeśin	Q2:4x18 Rāmacandra
Q125:4x5 Vādhūla	Q2:4x2 Yajñavalkya
Q126:4x6 Vaikhāṇasa	Q2:4x21 Viśvarūpa
Q127:4x1 Kātyāyana	Q2:4x22 Mitākṣara
Q127:4x2 Pāraskara	Q2:4x221 Subodhinī
Q131:4x1 Māśaka	Q2:4x222 Pramitākṣara
Q131:4x2 Lāṭyāyana	Q2:4x223 Bālabhaṭṭī
Q131:4x3 Gobhila	Q2:4x23 Aparārka or Apa- rāditya
Q131:4x5 Chāndogya	Q2:4x24 Śūlapāṇi
Q132:4x1 Jaiminīya	Q2:4x25 Mitramiśra
Q133:4x2 Drāhyāyana	Q2:4x3 Vāsiṣṭha
Q133:4x3 Khādīra	Q2:4x4 Parāśara
Q133:4x5 Gautama	Q2:4x5 Nārada
Q141:4x1 Kauśika	Q2:4x6 Hārīta
Q141:4x2 Vaitāna	Q2:4x7 Viṣṇu
	Q2:4xD75 Asahāya
Q2:4xH80	Vidyākara Vājapeyi <i>Nityācārapaddhati</i>
Q2:4xK26	Kamalākara Bhaṭṭa <i>Nirṇayasindhu</i>
Q2:4xL50	Kāśinātha <i>Dharmasindhu</i>
	<i>Digests</i>
Q2:4zx6	Gopinātha <i>Samskāraratnamālā</i>
Q2:4zxF50	Devana Bhaṭṭa <i>Smṛticandrikā</i>
Q2:4zxI50	Narasimha Vājapeyi <i>Nityācārapradīpa</i>
Q2:4zxJ20	Raghunātha <i>Smṛtitattva</i>
Q2:4zxJ30	Viśwambhara Tṛpāṭhi <i>Smṛtisāroddhāra</i>

RELIGION

- Q2:4zxK20 Mitra Miśra *Vīramitrodaya*
 Q2:4zxK70 Ratnākara *Jayasimha kalpadruma*
 Q2:4zxL25 Ananta Bhaṭṭa *Vidhānapārijāta*
 Q2:41zxG60 Hemādri *Caturvargacintāmaṇi*
 Q2:41zxI60 Gadādhara *Gadādhara paddhati*
 Q2:41zxK30 Vaidyanātha Dikṣita *Smṛtimuktāphala*
 Q2:4193zxJ40 Govindānanda *Dānakriyākaumudī*
 Q2:4193zxJ61 Bhaṭṭa Nilakaṇṭha *Dānamayūkha*
 Q2:4195zxJ50 Nāgeśa Bhaṭṭa *Vrātya prāyaścitta nirṇaya*
 Q2:4195zxK60 Nāgoji Bhaṭṭa *Prāyaścittenduśekhara*
 Q2:4198zxJ80 Bhaṭṭoji Dikṣita *Tristhalīsetu*
 Q2:4198zxH30 Vācaspati Miśra *Tīrtha cintāmaṇi*
 Q2:4198zx82 Dalapati Rāja *Nṛsimhaprasāda tīrthasāra*
 Q2:42zxE55 Śrīdharācārya *Smṛtyarīhasāra*
 Q2:42zxII25 Caṇḍeswara Ṭhakūra *Gṛhastha ratnākara*
 Q2:42zxH75 Madanapāla *Madanapārijāta*
 Q2:42zxJ61 Śankara Bhaṭṭa *Samskāra mayūkha*
 Q2:428zxF70 Aniruddha Bhaṭṭa *Hārālatā*
 Q2:428zxK80 Divākara Bhaṭṭa *Śrāddha candrikā*
 Q2:4284zxI96 Ādityācārya *Ṣaḍaśīti*
 Q2:4284zxL20 Bhaṭṭa Raghunātha *Tṛṃśacchlokī*
 Q2:4288zxL25 Śeṣakṛṣṇa Paṇḍita *Dharmānubandhi śloka-
rdaśī*
 Q2:43zxL50 Vāsudevaratha *Smṛtiprakāśa*
 Q2:43zxF10 Jīmūtavāhana *Kālaviveka*
 Q2:45zxI26 Nārāyaṇa *Tantrasamuccaya*
Q21 Smartaism Q21:224 Vāmana
Relevant Selections Q21:225 Brahmāṇḍa
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yāṇa
 Q21:21x1 Puruṣasūktam Q21:2252 Rāma gītā
Purāṇas Q21:226 Yogavāsiṣṭha Rā-
māyāṇa, Jñāna-
vāsiṣṭha
 Q21:221 Brahma Q21:227 Ānandarāmāyāṇa
 Q21:222 Mārkaṇḍeya Q21:228 Adbhutarāmāyāṇa
 Q21:223 Bhaviṣya
 Q21:2231 Bhaviṣyottara

RELIGION

Q22	Vaisnavism	Q22:222	Viṣṇu
	<i>Devotees</i>	Q22:223	Bhāgavata
Q22wx1:1	Mahīpati <i>Bhakta-vijaya</i>	Q22:224	Nārada
Q22wx1:2	Mahīpati <i>Bhaktalī-lāmṛta</i>	Q22:2241	Nārada-upapurāṇa
Q22wx2	Candradatta	Q22:225	Brahmavaivarta
	<i>Bhaktamālā</i>	Q22:226	Varāha
	<i>Purāṇas</i>	Q22:227	Garuḍa
Q22:221	Padma	Q22:2271	Viṣṇudharmottara
Q22:2211	Śiva gītā	Q22:228	Harivamśa
		Q22:2291	Kalki
		Q22:2292	Narasimha
		Q22:2293	Bhārgava

Hymns

Q22:417x1	Nalayira divya prabandham
Q22:417x1	First thousand
Q22:417x1:11	Tiruppallāṇḍu (Periyāzhvār)
Q22:417x1:12	Tirumozhi (Periyāzhvār)
Q22:417x1:13	Tiruppāvai (Āṇḍāl)
Q22:417x1:14	Nācchiyār tirumozhi (Āṇḍāl)
Q22:417x1:15	Perumāl tirumozhi (Kulaśekhara Āzhvār)
Q22:417x1:16	Tiruchanda viruttam (Tirumazhisai Āzhvār)
Q22:417x1:17	Tirumalai (Toṇḍaraḍippoḍi Āzhvār)
Q22:417x1:18	Tiruppalliezhucci (Toṇḍaraḍippoḍi Āzhvār)
Q22:417x1:191	Amalanāḍippirān (Tiruppāṇāzhvār)
Q22:417x1:192	Kaṇṇinuṇ śiruttāmbu (Madurakaviyāzhvār)
Q22:417x1:2	Second thousand
Q22:417x1:21	Periyatirumozhi (Tirumangai Āzhvār)
Q22:417x1:22	Tirukkuruntāṇḍagam (Tirumangai Āzhvār)
Q22:417x1:23	Tiruneḍuntāṇḍagam (Tirumangai Āzhvār)
Q22:417x1:3	Third thousand
Q22:417x1:31	Mudaltiruvandādi (Poigai Āzhvār)
Q22:417x1:32	Iraṇḍāntiruvandādi (Pūdattāzhvār)
Q22:417x1:33	Mūnrāntiruvandādi (Pēyāzhvār)
Q22:417x1:34	Nānmugantiruvandādi (Tirumazhisai Āzhvār)
Q22:417x1:35	Tiruviruttam (Nammāzhvār)
Q22:417x1:36	Tiruvāsiriyam (Nammāzhvār)
Q22:417x1:37	Periyatiruvandādi (Nammāzhvār)

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Q22:417x1:38 Tiruvezhukūṟṟirukkai (Tirumaṅgai Āzhvār)
 Q22:417x1:391 Śiriyatirumaḍal (Tirumaṅgai Āzhvār)
 Q22:417x1:392 Periyatirumaḍal (Tirumaṅgai Āzhvār)

Q22:417x1:4 Fourth thousand
 Q22:417x1:41 Tiruvāymozhi (Nammāzhvār)
 Q22:417x1:42 Irāmānuśa *Nūṟṟandādi*

Nāmāvali

Q22:4173x1 *Viṣṇu sahasranāma*
 Q22:4173x11 *Śaṅkara Commentary*

<p>Q22 Pancaratra</p> <p style="padding-left: 40px;"><i>Samhitās</i></p> <p>Q222:231 Pauṣkara</p> <p>Q222:232 Sāttvata</p> <p>Q222:233 Ahirbudhnya</p> <p>Q222:234 Jaya</p> <p>Q222:235 Padma</p> <p>Q222:236 Parameśwara</p> <p>Q222:237 Iśwara</p> <p>Q222:2391 Brahma</p> <p>Q222:2392 Nārada</p> <p>Q222:23921 Brhadbrahma</p> <p>Q222:2393 Ānanda</p>	<p>Q23:223 Linga</p> <p>Q23:224 Gaṇeśa</p> <p>Q23:2244 Gaṇeśagītā</p> <p>Q23:225 Matsya</p> <p>Q23:226 Skanda</p> <p>Q23:2261 Sūtasamhitā</p> <p>Q23:2262 Brahmagīta</p> <p>Q23:227 Kūrma</p> <p>Q23:2271 Iśwaragita</p> <p>Q23:228 Saura</p> <p>Q23:2291 Śiva</p>
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Hymns

<p>Q23 Saivism</p> <p style="padding-left: 40px;"><i>Devotees</i></p> <p>Q23wx1 Śekkizhār <i>Periya-purāṇam</i></p> <p><i>Relevant selections from the Vedas</i></p> <p>Q23:21x1 Rudra</p> <p>Q23:21x2 Camaka</p> <p style="padding-left: 40px;"><i>Purāṇas</i></p> <p>Q23:221 Vāyu</p> <p>Q23:222 Agni</p>	<p>Q23:417x1 Tevāram</p> <p>Q23:417x2 Sambandar</p> <p>Q23:417x3 Appar</p> <p>Q23:417x4 Sundarar</p> <p>Q23:417x5 Māṇikkavācagar</p> <p>Q23:417x6 Tiruvisaippā</p> <p>Q23:417x7 Tiruppallāṇḍu</p> <p>Q23:417x8 Tirumūlar <i>Tirumandiram</i></p> <p>Q23:417x91 Eleventh Tirumurai (Padinorantirumurai)</p>
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RELIGION

Q232	Agamic Saivism	Q232:2352	Para (Pārahita, Vātula)
	<i>Āgamas</i>	Q233	Kasmīr Saivism
Q232:2311	Kāmika	Q233:231	Mālinīvijaya
Q232:2312	Yogaja	Q233:2311	Abhinavagupta
Q232:2313	Cintya		<i>Vārttika</i>
Q232:2314	Kāraṇa	Q233:232	Svacchanda
Q232:2315	Ajita	Q233:2321	<i>Uddyota</i>
Q232:2316	Dipta	Q233:233	Vijñāna Bhairava
Q232:2317	Sūkṣma		
Q232:2318	Sahasraka	Q233:234	Ucchūṣma Bhairava
Q232:2321	Amśumān	Q233:235	Ananda Bhairava
Q232:2322	Suprabhā		
Q232:2331	Vijaya	Q233:236	Mrgendra
Q232:2332	Niśvāsa	Q233:237	Mataṅga
Q232:2333	Svāyambhuva	Q233:2371	<i>Vṛtti</i>
Q232:2334	Ā g n e y a k a (Āgneya, Anala, Anila)	Q233:238	Śiva sūtra
Q232:2335	Bhadra (Vīra)	Q233:2381	<i>Vṛtti</i>
Q232:2336	Raurava	Q233:2382	B h ā s k a r a <i>Vārttika</i>
Q232:2337	Mākuṭa	Q233:2385	K ṣ e m a r ā j a <i>Vimarśinī</i>
Q232:2338	Vimala		
Q232:2341	C a n d r a h ā s a (Candrajñāna)	Q233:2391	Netra
Q232:2342	Mukhayugbimba (Bimba)	Q233:2392	Naiśvāsa
Q232:2343	Udgīta (Prodi- gīta)	Q233:2393	Svāyambhuva
Q232:2344	Laṭita	Q233:2394	Rudra-yāmaḷa
Q232:2345	Siddha	Q233:2395	S p a n d a sūtra (S p a n d a kārikā)
Q232:2346	Santāna	Q233:23951	Kallaṭa <i>Vṛtti</i> (Spanda Sar- vasva)
Q232:2347	Nārasimha (Sar- vokta, Sarvot- tara)	Q233:23952	Rāmakantḥa <i>Vivṛti</i>
Q232:2348	Parameśvara	Q233:23953	Utpala II <i>Pro- dīpikā</i>
Q232:2351	Kiraṇa		

RELIGION

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|---|--|
| <p>Q233:23954 K ṣ e m a r ā j a
 <i>Spandasandoha</i></p> <p>Q233:23955 K ṣ e m a r ā j a
 <i>Spanda Nir-</i>
 <i>ṇaya</i></p> <p>Q234 Virasaivism
 Q234xK50 Prabhulingalīla
 Q234:22 Padmarājapurā-
 ṇam</p> <p>Q25 Saktaism
 Q25x1 Śaṅkara Saun-
 daryalahari
 Q25x11 Lakṣmīdhara's
 <i>commentary</i></p> <p><i>Relevant selections from the</i>
 <i>Vedas</i></p> <p>Q25:21x5 Śrisūktam
 Q25:21x6 Durgā sūktam</p> <p style="text-align: center;"><i>Purāṇas</i></p> <p>Q25:221 D e v ī-bhāga-
 vata
 Q25:222 Bṛhaddharma
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 Q25:225 L a l i topākha-
 yāna
 Q25:2291 D e v i m āhāt-
 mya
 Q25:4x1 Mahī d h a r a
 <i>Mantramahod-</i>
 <i>adhi</i>
 Q25:4173x1 Lalitā Sahas-
 ranāma
 Q25:4173x11 B h ā s k a r a
 <i>Commentary</i></p> <p>Q26 Sanmukaism
 Q26:417xI50 Aruṇagirināthar
 <i>Tiruppugazh</i></p> | <p>Q28 Saurasim</p> <p style="text-align: center;"><i>Purāṇas</i></p> <p>Q28:221 Āditya
 Q28:223 Sāmba</p> <p>Q3 Jainism
 Q31 Swetambaras
 Q31y5x1 Śubhaviṇyayaṇi
 P r a ś naratnā-
 kara
 Q31:21 Canonical works
 Q31:211 Angas
 Q31:21111 Ācāra (Āyāra)
 Q31:21112 Sūtrakṛita (Suya-
 gaḍa)
 Q31:21113 Sthāna (Thāna)
 Q31:21114 Samavāya
 Q31:21115 Bhagavati
 Q31:21116 J ñ ā t a dharma-
 kathā (Nāya-
 dhammakahā
 Q31:21117 U p ā ś a k a daśā
 (Uvāsagadasāo)
 Q31:21118 Antakṛtadaśā
 (A n t a g a ḍ a-
 dasāo)
 Q31:21121 A n u t t a raupa-
 p ā t i k a d a ś ā
 (Anuttarova
 vāiyadasāo)
 Q31:21122 Praśnavyākaraṇa
 (Pamhāvāga-
 raṇa)
 Q31:21123 Vipāka (Vivāga)
 Q31:21124 Dṛṣṭivāda
 Q31:212 Upangas
 Q31:21211 A u p a p ā t i k a
 (Ovāiya)</p> |
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RELIGION

- Q31:21212 Rājaprasāniya
(Rāyapaseṇaiyya)
- Q31:21213 Jivābhigama
- Q31:21214 P r a j ñ ā p a n ā
(Paṇṇavaṇā)
- Q31:21215 Sūryaprajñapti
(Sūriyapaṇṇatti)
- Q31:21216 Jambūdvīpa prajñapti (Jambudīvaṇṇatti)
- Q31:21217 Candraprajñapti
(Candapaṇṇatti)
- Q31:21218 N i r a y ā v a l i
(Nirayāvaliyāo)
or K a l p i k a
(Kappiyāo)
- Q31:21221 Kalpāvatamsikā
(Kappavadiṁsiāo)
- Q31:21222 Puṣpikā (Pupphi-yāo)
- Q31:21223 P u ṣ p a c ū ḍ ā
(Pupphacūlao)
- Q31:21224 V ṛ ṣ ṇ i d a ś ā
(Vāṇhidasāo)
- Q31:213 P r a k i r ṇ a s
(P a i n n a or Payanna)
- Q31:21311 V i r a b h a d r a
C a t u ḥ ś a r a ṇ a
(Causaraṇa)
- Q31:21312 Āturapratyākhyāna
- Q31:21313 Bhakta-Parijñā
- Q31:21314 S a ṁ s t ā r a
(Santhāra)
- Q31:21315 Tandulavaitalika;
Tandulavaicārika (Tandulaveyāliya)
- Q31:21316 Candāviyyaya
- Q31:21317 Devendrastava
(Devindatthaa)
- Q31:21318 Gaṇi t a v i d y ā
(Gaṇivīyya)
- Q31:21321 Mahāpratyākhyāna
- Q31:21322 Vīrastava (Vīratthaa)
- Q31:21323 Gacchācāra prakīrṇaka
- Q31:214 Chheda sutras
- Q31:2141 Nisītha
- Q31:2142 Maha Nisītha
- Q31:2143 Vyavahāra
- Q31:2144 Ācaradaśāh or
Daśāśrutaskandha or Dasāh
kappavahar
- Q31:2145 Bṛihatkalpa
- Q31:2146 Pañcakalpa
- Q31:215 Nandi and Anuyogadvāra
- Q31:2151 Nandi sūtras
- Q31:2152 Anuyogadvāra
- Q31:216 Mulasutras
- Q31:2161 Uttarāddhyayana
- Q31:2162 Āvaśyaka
- Q31:2163 Daśavaik ā l i k a,
Dasaveyāliya
- Q31:2164 Piṇḍaniryukti
- Q31:2167 Oghaniryukti

RELIGION

Q31:4x6	<i>Srāddhapratikra- maṇa Sūtram</i>	Q41:2122	<i>Cullavagga</i>
		Q41:2123	<i>Parivāra</i>
Q31:41x3:11	<i>Hari b h a d r a Sūri: Dhar- mabindu Pra- karaṇa</i>	Q41:22	<i>Sutta-pitaka</i>
		Q41:221	<i>Dīgha-nikāya</i>
		Q41:221:9x1	<i>Buddhaghosa: Sumangala- vilāsini</i>
Q4	Buddhism	Q41:222	<i>Majjhima-nikāya</i>
Q41	Hinayana	Q41:222:9x1	<i>Buddhaghosa: Papancasūdani</i>
Q41x	General treatises	Q41:223	<i>Samyutta-nikāya</i>
Q41x1	<i>Milindapanha</i>	Q41:223:9x1	<i>Buddhaghosa: Sāratthapakā- sini</i>
Q41x2	<i>Nettipakaraṇa</i>	Q41:224	<i>Anguttara-nikāya</i>
Q41x5	<i>Buddhaghosa: Visuddhimagga</i>	Q41:224:9x1	<i>Buddhaghosa: Manoratha- pūraṇi</i>
Q41x53	<i>Dhammapāla: Mahāṭika or Paramattha- manjūsā</i>	Q41:225	<i>Khuddaka-nikāya</i>
Q41x6:1	<i>Buddhadatta: Abhidhammāva- tāra</i>	Q41:225:9x1	<i>Buddhaghosa: Khuddaka- nikāyatthaka- thā</i>
Q41x6:2	<i>Buddha d a t t a: Rūpārūpavi- bhāga</i>	Q41:22511	<i>Khuddaka-Pāṭha</i>
Q41x6:3	<i>Buddha d a t t a: Vinaya-Vinic- caya</i>	Q41:22511:9x1	<i>Buddhaghosa Paramattha Jotikā</i>
Q41:2	Sacred books (Tripitakas)	Q41:22512	<i>Dhammapada</i>
Q41:21	<i>Vinaya-piṭaka</i>	Q41:22512:9x1	<i>Buddhaghosa: Dhammapa- daṭṭhakathā</i>
Q41:21:9x1	<i>Buddhaghosa: Sāmantapāsā- dika</i>	Q41:22513	<i>Udāna</i>
Q41:211	<i>Suttavibhanga</i>	Q41:22513:9x3	<i>Dhammapāla: Paramat- thadīpani</i>
Q41:2111	<i>Pārājika</i>		
Q41:2112	<i>Pācittiya</i>		
Q41:212	<i>Khaṇḍakās</i>		
Q41:2121	<i>Mahāvagga</i>		

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| Q41 :22514 Itivuttaka | Q41 :235 Dhātukathā |
| Q41 :22514 :9x3 Dhammapāla: | Q41 :236 Yamaka |
| <i>Itivuttakat-</i> | Q41 :237 Paṭṭhāna |
| <i>ṭhakathā</i> | |
| Q41 :22515 Suttanipāta | Q41 :6x6 Dhammakitti: |
| Q41 :22515 :9x1 Buddhaghosa: | <i>Dāṭhāvamsa</i> |
| <i>Paramatta-</i> | Q41 :6x7 <i>Thūpavamsa</i> |
| <i>jotika</i> | Q41 :6xE50 Upatissa: <i>Mahā-</i> |
| | <i>bodhivamsa</i> |
| Q41 :22516 Vimānavatthu | Q41 :6xM20 Śāsanavamsa |
| Q41 :22516 :9x3 Dhammapāla: | |
| <i>Paramattha-</i> | Q42 Mahayana |
| <i>dīpanī</i> | Q42x5 <i>Saddharmapuñ-</i> |
| | <i>ḍarika</i> |
| Q41 :22517 Petavatthu | Q42xD65 :1 Śāntideva: <i>Sik-</i> |
| Q41 :22517 :9x3 Dhammapāla: | <i>śāsamuccaya</i> |
| <i>Paramattha-</i> | Q42xD65 :2 Śāntideva: <i>Bo-</i> |
| <i>dīpanī</i> | <i>dhicaryāvatāra</i> |
| Q41 :22518 Theragathā | |
| Q41 :22521 Therīgāthā | Q5 Judaism |
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| Q41 :22523 Niddeśa | Q5 :222 Seder Moed |
| Q41 :22523 :9x7 <i>Saddhamma-</i> | Q5 :223 Seder Nashim |
| <i>pajjotikā</i> | Q5 :224 Seder Nezikin |
| Q41 :22524 Paṭisambhida- | Q5 :22411 Baba Kamma |
| <i>magga</i> | Q5 :22412 Baba Mezia |
| Q41 :22525 Apadāna | Q5 :22413 Baba Battrā |
| Q41 :22526 Buddhavamsa | Q5 :225 Kodashim |
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| pitaka | Q6 :21 Bible |
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| Q41 :231 :9x1 Buddhaghosa: | Q6 :221 Historical books |
| <i>Aṭṭhasālinī</i> | Q6 :222 Poetic books |
| Q41 :232 Vibhanga | Q6 :2225 Canticles |
| Q41 :232 :9x1 Buddhaghosa: | Q6 :223 Prophetic books |
| <i>Sammohavi-</i> | Q6 :23 New testament |
| <i>nodinī</i> | Q6 :231 St. Matthew |
| Q41 :233 Kathāvatthu | Q6 :232 St. Mark. |
| Q41 :234 Puggalapāññatti | Q6 :233 St. Luke |

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Q6:234	St. John	Q8451:23	Fragments of the Nasks
Q6:235	Acts		
Q6:236	Epistles	Q8451:231	Westergard's Fragments
Q6:2361	St. Paul		
Q6:2362	James	Q8451:232	Zend Fragments
Q6:2363	Peter	Q8451:233	T a h m u r a 's Fragments
Q6:2364	John		
Q6:2365	Jude	Q8451:234	Fragments of the Erpatistan Nask
Q6:237	Sermon on the Mount		
Q6:238	Revelation	Q8451:235	Fragments of the Nirangis- tan Nask
Q6:294	Apocrypha		
Q8412	Confucianism		
Q8412:211	Yi Ching	Q8451:236	Sundry Frag- ments
Q8412:212	Shi Ching		
Q8412:213	Shu Ching	Q8451:237	Aogemaide Nask
Q8412:214	Li He	Q8451:24	The Sirozahs, I and II
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Q8412:216	Analects	Q8451:25	The Yasts
Q8451	Zoroastrianism	Q8451:2511	Ormazd
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Q8451x3	Bahman Yast	Q8451:2515	Aban
Q8451x4	S h a y a s t-La- Shayast	Q8451:2516	Khorshed
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Q8451x6	Arda Viraf	Q8451:2522	Mihir
Q8451x7	Dinkard	Q8451:2523	S r o s h Yast
Q8451x8	Gangi-i-Syay- igan		Hadhokht
		Q8451:2524	Rashn
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Q8451:21	Gathas	Q8451:2528	Din
Q8451:22	Vendidad	Q8451:2531	Ashi

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Q8451:2533 Zamyad	Q8451:261 K h o r s h e d
Q8451:2534 Vanant	Nyasis
Q8451:2535 XXI, a Frag-	Q8451:262 Mihir Nyasis
ment	Q8451:263 Mah Nyasis
Q8451:2536 XXII, a Frag-	Q8451:264 Aban Nyasis
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Q8451:2537 Afrin Paigham-	
bar Zartust	

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R11	Inductive	R3	Metaphysics
R12	Deductive	R3 [V]: [S]	
R13	Dialectics	<i>Divisions based on</i>	
R14	Symbolic, formal, mathematical (<i>A l t e r n a t i v e</i> to B:R 1)	View or V	<i>Characteristic</i>
R16	Genetic	1	Absolute
R17	Scientific method	2	Idealism and realism
R19	Special topics	21	Idealism
R191	Definition	25	Realism
R192	Inference	3	Materialism
R193	Judgment, proposi- tion	5	Monism and plura- lism
R194	Fallacies, sophisms	51	Monism
R195	Ambiguity	55	Pluralism
R198	Probability	6	Teleology
R199	Categories	7	Value
R2	Epistemology	9	Other special views
R21	Sources of knowledge		(<i>To be got by the</i> Subject Device) (<i>Illustrative</i>)
R211	Sense-perception	9G	Genetic
R212	Inference	9Y	Humanism
R2125	Analogy	R4	Ethics
R213	Verbal testimony	R4 [P]: [C]	
R2133	Tradition	<i>Divisions based on the train of</i>	
R215	Presumption	Problem or P	<i>Characteristic</i>
R22	Nature of knowledge		
R24	Validity of know- ledge	1	Personal ethics
R29	Special topics	11	Truth and falsehood
R292	Truth and error	12	Humility, egoism, modesty, pride

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13	Temperance	231	Guardian
14	Gentleness, cruelty,	235	Ward
	tolerance, envy,	24	Dependent relative
	sweetness, anger	241	Conduct towards
15	Chastity, celibacy,		dependent re-
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	moral habits	245	Conduct of depen-
16	Gratefulness and		dent relative
	ungratefulness	25	Other relatives
17	Diligence and sloth	251	Conduct towards
18	Courage, coward-		other relatives
	liness, firmness,	255	Conduct of other
	weakness		relatives
19	Other qualities	26	Guest, host
		261	Host
2	Family ethics	265	Guest, host
21	Husband and wife,	28	Domestic servants
	marriage, divorce	281	Conduct towards
211	Husband		domestic servants
215	Wife		
217	Marriage	285	Conduct of domestic
2175	Polygamy, adultery		servants
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		32	Truth and slander
22	Parent and child	33	Philanthropy and
221	Parent		humanity
2211	Father	34	Etiquette
22 13	Foster father	341	Etiquette of enter-
2214	Step-father		tainments
2217	Foster mother		
2218	Step-mother	342	Etiquette of wed-
225	Child		ding
2251	Son	343	Card etiquette
2253	Foster son	344	Conversational
2254	Step-son		etiquette
2255	Daughter	345	Letter-writing eti-
2257	Foster daughter		quette
2258	Step-daughter	346	Travelling eti-
23	Guardian and ward		quette

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| <p>347 Club etiquette</p> <p>348 Funeral etiquette</p> <p>37 Friendship, court-
ship</p> <p>3W State ethics (Sub-
divisions as in
'W' Political
Science)</p> <p>4 Professional and
business ethics</p> <p><i>To be divided by Professions</i></p> <p>6 Ethics of leisure
and amusements</p> <p><i>To be divided as 'MY'</i></p> <p>7 Conduct towards
animals</p> <p>9 Special topics</p> <p>91 Good and evil</p> <p>911 Good</p> <p>915 Evil</p> <p>918 Compromise</p> <p>92 Truth and false-
hood</p> <p>921 Truth</p> <p>925 Falsehood</p> <p>928 Compromise</p> <p>93 Right and wrong</p> <p>931 Right</p> <p>935 Wrong</p> <p>938 Compromise</p> <p>94 Happiness and
sorrow</p> <p>941 Happiness</p> <p>945 Sorrow</p> <p>948 Compromise</p> <p>96 Progress, perfection</p> <p>961 Progress</p> | <p>965 Perfection</p> <p>968 Compromise</p> <p>98 Compromise in
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Subject Device</i></p> <p>R5 Aesthetics</p> <p>R6 Indian philosophy
(Philosophy of the mother
country or the most
favoured system)</p> <p>R61 Hindu philosophy</p> <p>R62 Nyaya, Vaisesika</p> <p>R621 Vaiśeṣika</p> <p>R625 Nyāya</p> <p>R63 Sankhya, Yoga</p> <p>R631 Sāṅkhya</p> <p>R635 Yoga</p> <p>R64 Purva mimamsa</p> <p>R641 Bhāṭṭa mīmāṃsā</p> <p>R645 Prabhākara mī-
māṃsā</p> <p>R65 Vedanta</p> <p>R66 Advaita</p> <p>R663 Pratyabhijñā (Kāṣ-
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R673	Śaivasiddhānta	R6943	Sautrāntika
R68	Dvaita	R6945	Mahāyāna
R689	Other vedāntic schools	R6946	Yogācāra
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R69	Other Indian schools	R7	The second favoured system
R691	Cārvāka		
R693	Jaina	R8	Other Systems
R694	Buddhistic		
R6941	Hīnayāna		(To be divided by the
R6942	Vaiśbhāṣika		Geographical Device)

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R6 INDIAN PHILOSOPHY

R6x1	Haribhadra <i>Ṣaḍdarśana-samuccaya</i>
R6x2	Mādhavācārya <i>Sarvadarśana-saṅgraha</i>
R6x3	Śaṅkarācārya <i>Sarva-siddhānta-saṅgraha</i>
R6x4	<i>Sarvamata-saṅgraha</i>
R6x5	<i>Prapañcahrdaya</i>

R621 VAISESIKA

R621x1	Kanada. Vaisesika-sutra
R621x11	Praśastapāda Ācārya <i>Padārtha-saṅgraha</i>
R621x111	<i>Padārtha-tattvanirṇaya</i>
R621x112	<i>Dravya-bhāṣya-tīkā</i>
R621x114	Śrīdhara <i>Nyāya-kandalī</i>
R621x115	Udayanācārya <i>Kiraṇāvali</i>
R621x1151	Vardhamānopādhyāya <i>Kiraṇāvali-prakāśa</i>
R621x11512	Raghunātha Śiromaṇi <i>Kiraṇāvali-prakāśa-dīdhiti</i>
R621x1152	Padmanābhamiśra <i>Kiraṇāvali-bhāskara</i>
R621x1153	Bhaṭṭa Vādiṇdra <i>Rasasāra</i>
R621x11I90	Śaṅkaramiśra <i>Praśastapādabhāṣya-tīkāsaṅgraha</i>
R621x11K30	Jagadīśa Tarkālaṅkāra <i>Praśastapāda-bhāṣya-sūkti</i>
R621x12	Śaṅkaramiśra <i>Upaskāra</i>
R621x1M50	Jayanārāyaṇa Tarkapañcānana <i>Vivṛti</i>
R621x2	Vallabhacārya. Nyāyalilavati
R621x21	Vardhamāna <i>Nyāyalilāvati-prakāśa</i>
R621x211	<i>Nyāyalilāvati prakāśa viveka</i>

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R621x22	Raghunātha Śiromaṇi <i>Nyāyalīlāvati-dīdhiti</i>
R621x24	Śaṅkara Miśra <i>Nyāyalīlāvati kaṇṭhābharāṇa</i>
R621x8	Bhagīratha Ṭhakūra <i>Nyāyalīlāvati vivṛti</i>
R621xD95	Sivāditya <i>Saptapadārthi</i>
R621xD951	Jinavardhana Śuri <i>Commentary</i>
R621xD952	Mādhava Saraswati <i>Mitabhāṣiṇī</i>
R621xD953	Śeṣānanda <i>Padārthacandrikā</i>
R621xD954	Bhairavendra <i>Śiṣubodhinī</i>
R621xD955	Balabhadra <i>Sandarbhā</i>
R621xJ70	Sarvadeva Śūri <i>Pramāṇamañjarī</i>
R621xK30	Gaṅgādharasūri <i>Kānādasiddhānta-candrikā</i>
R621xL50	Veṇīdatta <i>Padārthamaṇḍana</i>

R625 NYAYA

R625x1	Gautama. Nyaya-sutra
R625x11	Vātsyāyana <i>Nyāya-bhāṣya</i>
R625x111	Uddyotakara <i>Nyāya-vārttika</i>
R625x1111	Vācaspatimiśra <i>Nyāya-vārttika-tātparya-ṭīkā</i>
R625x11111	Udayanācārya <i>Nyāya-vārttika-tātparya-pariśuddhi</i>
R625x12	Jayanta Bhaṭṭa <i>Nyāya-mañjarī</i>
R625x13	Viśwanātha Pañcānana <i>Nyāya-sūtra-vṛtti</i>
R625x1M10	Rādhāmohan Bhaṭṭācārya <i>Nyāya-sūtra-vivaraṇa</i>
R625x2	Bhasarvajna. Nyayasara
R625x21	Vāsudeva <i>Nyāyasāra-padapañcīkā</i>
R625x22	Jayasimhasūri <i>Nyāya-tātparya-dīpīkā</i>
R625x3	Udayana. Nyaya kusumanjali or Kusumanjali
R625x31	Varadarāja <i>Bodhinī</i>
R625x32	Vardhamāna <i>Nyāya-kusumāñjali-prakāśa</i>
R625x321	Rucidattamiśra <i>Nyāya-kusumāñjali-prakāśa</i> <i>makaranda</i>
R625x33	Haridāsa <i>Nyāyakusumāñjali kārikā vyākhyā</i>
R625x4	Varadaraja. Tarkikaraksa
R625x41	Varadarāja <i>Sārasaṅgraha</i>
R625x42	Jñānapūrṇa <i>Laghubīpīkā</i>
R625x43	Mallināthasūri <i>Niṣkaṇṭaka</i>
R625x5	Kesavamisra. Tarkabhasa
R625x51	Cennu Bhaṭṭa <i>Tarkabhāṣā-prakāśikā</i>
R625x52	Govardhanamiśra <i>Tarkabhāṣā-prakāśa</i>

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- R625x53 Gaurikānta Sārvabhauma Bhaṭṭācārya *Bhāvārtha-dīpikā*
- R625x54 Bālacandra *Tarkabhāṣā-prakāśikā*
- R625x55 Mādhavadeva *Tarkabhāṣā-sāramañjarī*
- R625x56 Gopinātha *Tarkabhāṣā-bhāvaprakāśikā*
- R625x57 Kaunḍinyadīkṣita *Tarkabhāṣā-prakāśikā*
- R625x58 Viśwakarma *Nyāyapradīpa*
- R625x6 Gangesa Upadhyaya. Tattvacintamani**
- R625x61 Vardhamānopādhyāya *Prakāśa*
- R625x62 Jayadeva *Āloka*
- R625x63 Rucidattamiśra *Tattva-cintāmaṇi-prakāśa*
- R625x64 Vāsudevamiśra *Tattvacintāmaṇīṭikā*
- R625x65 Raghunātha Śiromaṇi Bhaṭṭācārya *Dīdhiti*
- R625x651 Mathurānātha *Commentary on Dīdhiti*
- R625x652 Bhavānanda Siddhānta Vāgiśa *Tattva-cintāmaṇi-dīdhiti-prakāśa*
- R625x653 Jagadīśa *Jāgadīśi*
- R625x654 Gadādhara Bhaṭṭācārya *Tattva-cintāmaṇi-dīdhiti vivṛti*
- R625x6541 Bhīmācārya Ottangadkar *Gādādhari-Pañcalakṣaṇī*
- R625x65J70 Kṛṣṇadāsa Sārvabhauma *Anumāna-dīdhiti-prasāriṇī*
- R625x66 Mathurānātha Tarkavāgiśa *Tattva-cintāmaṇi-rahasya*
- R625x6K36 Rājacūḍāmaṇi Makhin *Maṇidarpaṇa*
- R625x6K40 Gopinātha *Maṇisāra*
- R625x6M80 Saṅgameśvara Śāstri *Saṅgameśvara kroḍam*
- R625x7 Viswanatha Pancanana Bhattacarya. Karika-vali or Bhasa-pariccheda**
- R625x71 Viśwanātha Pañcānana Bhaṭṭācārya *Muktāvali*
- R625x711 Mahādeva and Dinakara *Prakāśa*
- R625x7111 Rāmarudra *Rāmarudriya*
- R625x712 Rāmarudra *Prabhā*
- R625x713 Rāmarudra *Mañjūṣā*
- R625x714 Gaṅgārāma *Gaṅgārāma Jhaṭiya*
- R625x8 Annambhatta. Tarka-sangraha**
- R625x81 Annambhaṭṭa *Tarka-saṅgraha-dīpikā*

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R625x811	Nilakaṇṭha <i>Prakāśikā</i>
R625x8111	Lakṣmīnarasimha Śāstri <i>Bhāskarodaya</i>
R625xD87	Jayanta <i>Nyāyakalikā</i>
R625xH50	Nigamānta Mahādeśika <i>Nyāya-pariśuddhi</i>
R625xI50	Vācaspatimiśra <i>Khaṇḍanoddhāra</i>
R625xJ40:1	Raghunātha <i>Padārtha-tattva-nirūpaṇa</i>
R625xJ40:11	Raghuḍeva <i>Nyāyālaṅkāra</i>
R625xJ40:2	Raghunātha <i>Padārthamālā</i>
R625xJ50	Jñākinātha Bhaṭṭācārya <i>Nyāyasiddhāntamañ-jarī</i>
R625xJ502	Yādavācārya <i>Nyāya-mañjri-sāra</i>
R625xK50	Jayarāma Bhaṭṭācārya <i>Nyāyasiddhāntamālā</i>
R625xM10	Rādhāmohan Bhaṭṭācārya <i>Nyāyasūtra vivaraṇa</i>
R625xM30	Rākhāldās <i>Tattvasāra</i>
R625024013x1	Gokulanātha <i>Padavākya-ratnākara</i>
R625024013x2	Giridhara <i>Vibhaktyartha-nirṇaya</i>
R625024013x3	Jagadīśa <i>Śabda-śakti-prakāśa</i>
R625024013x4	Gadādhara Bhaṭṭācārya <i>Vyutpattivāda</i>
R625024013x41	Kṛṣṇa Bhaṭṭa <i>Vyutpattivāda-vyākhyā</i>
R625024013x42	Bacca Śarmā <i>Vyutpattivāda-vyākhyā</i>
R625024013x43	Sudarśanācārya <i>Vyutpattivāda-vyākhyā</i>
K625024013x5	Gadādhara Bhaṭṭācārya <i>Saktivāda</i>

R631 SANKHYA

R631x1	Tattva samasa
R631x2	Isvarakṛṣṇa. Sankhyakarika
R631x21	Māthara <i>Mātharavṛtti</i>
R631x22	Gauḍapāda <i>Sāṅkhya-kārikā-bhāṣya</i>
R631x23	Vācaspatimiśra <i>Sāṅkhya-tattva-kaumudī</i>
R631x238	Vaṁśīdharamiśra <i>Sāṅkhya-tattva-kaumudī-vibhākara</i>
R631x24	Śaṅkarārya <i>Jayamaṅgaḷa</i>
R631x25	Nārāyaṇatīrtha <i>Candrikā</i>
R631x28	<i>Yuktidīpikā</i>
R631x3	Kapila. Sankhya-sutra
R631x31	Aniruddha <i>Sāṅkhya-sūtravṛtti</i>
R631x32	Vijñānabhikṣu <i>Sāṅkhya-pravacana-bhāṣya</i>
R631x33	Mahādeva <i>Sāṅkhya-sūtravṛtti</i>

PHILOSOPHY

R635 YOGA

- R635x1** Patanjali. *Yogasutra*
R635x11 Vyāsa *Bhāṣya*
R635x111 Vācaspatimiśra *Pātañjala-sūtrabhāṣya-vyākhyā* or
Tattva vaiśāradi
R635x12 Vijñānabhikṣu *Yoga-vārttika*
R635x13 Rāghavānanda Sarasvatī *Pātañjala-bhāṣya*
R635x14 Hariharānanda Āraṇya *Bhāṣvatī*
R635x1L00 Nāgeśa Bhaṭṭa *Pātañjala-sūtra-vṛtti*
R635x1L50 Sadāśivendra Sarasvatī *Yoga-sūtra-vṛtti* or
Yoga-sudhākara
R635x1M10 Rāmānandayati *Maṇiprabhā*
R635x1M20 Nārāyaṇatīrtha *Yoga-siddhānta-candrikā*
R635x1M21 *Sūtrārthabodhinī*
R635x1M30 Ananta Paṇḍita *Pātañjala-darśana*
R635x1M40 *Bhāva Gaṇeśīya*
R635x2 Bhojadeva *Rājamārtāṇḍa*
R635x3 Vijñānabhikṣu *Yoga-sāra-saṅgraha* or *Jñāna*
pradīpa

R64 PURVA MIMAMSA

- R64x1** Jaimini *Mīmāṃsā-sūtra*
R64x11 Śabara *Śābara-bhāṣya*
R64x111 Maṇḍana *Mīmāṃsānukramanīkā*
R64xL40 Satyagñānanda *Vedaprakāśa*

R641 BHATTA MIMAMSA

- R641x1** Kumarila Bhatta. *Sloka-varttika*
R641x11 Umbeka or Umveka and Jayamiśra *Sloka-vārttika-*
vyākhyā
R641x12 Sucaritamīśra *Kāśīkā*
R641x13 Pārthasārathimīśra *Nyāyaratnākara*
R641x2 Kumarila Bhatta. *Tantra-varttika*
R641x21 Bhaṭṭa Someśvara *Nyāya-sudhā* or *Raṇakam*
R641x3 Kumarila Bhatta. *Tuptika*
R641x31 Pārthasārathimīśra *Tantra-ratna*
R641x4 Maṇḍanamīśra *Vidhi-viveka*

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R641x41	Vācaspati <i>Nyāya-kanikā</i>
R641x5	Maṇḍanamisra <i>Bhāvanā-viveka</i>
R641x51	Umbeka or Umveka <i>Bhāvanā-viveka-vyākhyā</i>
R641x6	Pārthasārathimiśra <i>Nyāya-ratnamālā</i>
R641x61	Rāmānujācārya <i>Nāyakaratna</i>
R641x7	Pārthasārathimiśra <i>Sārtra-dīpikā</i>
R641x71	Rāmakṛṣṇamiśra <i>Yuktisneha-prapūraṇi</i>
R641x711	Rāmakṛṣṇamiśra <i>Gūḍhārtha-vivaraṇa</i>
R641x72	Somanātha <i>Mayūkhamālikā</i>
R641x8	Mādhavācārya <i>Jaiminiā-nyāyamālā</i> or <i>Mīmāṃsādhikaraṇa-nyāyamālā</i>
R641x81	Mādhavācārya <i>Nyāyamālā-vistara</i>
R641x9	Khaṇḍadeva <i>Bhāṭṭadīpikā</i>
R641x91	Śaṁibhu Bhaṭṭa <i>Prabhāvalī</i>
R641x9L80	Vāṇcheśwara Yajvan <i>Bhāṭṭacintāmaṇi</i>
R641xJ50:1	Appayadīksita <i>Vidhirasāyana</i>
R641xJ50:2	Appayadīksita <i>Citrapāṭha</i>
R641xJ90	Nārāyaṇa Bhaṭṭa and Nārāyaṇa Paṇḍita <i>Māna-meyodaya</i>
R641xK20	Bhaṭṭa Śaṅkara <i>Mīmāṃsā-bāla-prakāśa</i>
R641xK30	Āpadeva <i>Mīmāṃsā-nyāya-prakāśa</i> or <i>Āpadevī</i>
R641xK301	Anantadeva <i>Bhāṭṭātāṅkāra</i>
R641xK302	Cinnaswāmi Śāstri <i>Mīmāṃsā-nyāya-prākāśa-vyākhyā</i>
R641xK40	Gāgā Bhaṭṭa <i>Bhāṭṭa-cintāmaṇi</i>
R641xK501	Khaṇḍadeva <i>Mīmāṃsā-kaustubha</i>
R641xK502	Khaṇḍadeva <i>Bhāṭṭarahasya</i>
R641xK60	Laughākṣi Bhāskara <i>Artha-saṅgraha</i>
R641xK70	Rāmakṛṣṇa Bhaṭṭācārya <i>Adhikaraṇa-kaumudī</i>
R641xK90	Vaidyanātha Bhaṭṭa <i>Nyāya-bindu</i>
R641xK95	Bhāskara Bhaṭṭa <i>Bhāṭṭa candrikā</i> (a Comm. on Śaṅkarṣa kāṇḍa of <i>Mīmāṃsā sūtra</i>)
R641xL00	Kṛṣṇa Yajvan <i>Mīmāṃsā-paribhāṣā</i>
R641xL10	Nārāyaṇatīrtha <i>Bhāṭṭa-bhāṣā-prakāśa</i>
R641xL30	Vāsudevadīksita <i>Adhvāra-mīmāṃsā-kutūhala-vṛtti</i>
R641xM50	Rāmeśwarasūri <i>Commentary</i>
R641024x1	Vācaspatimiśra <i>Tattva-bindu</i>

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R645 PRABHAKARA MIMAMSA OR GURUMATA

- R645x1 Prabhākara *Bṛhatī*
R645x11 Śālikanātha *Ṛjuvimala*
R645x5 Śālikanātha *Prakaraṇa-pañcikā*
R645x6 Bhavanātha *Naya-viveka*
R645xK50 Nandiśvara *Prabhākara-vijaya*
R645xL00 Rāmānujācārya *Tantra-rahasya*

R65 VEDANTA

- R65xK08 Rāmadāsa *Dāsabodha*

R66 ADVAITA

- R66x1 Sankaracarya. Upadesasahasri
R66x2 Mandanamisra. Brahmasiddhi
R66x21 Vācaspatimiśra *Brahmatattva-samīkṣā*
R66x22 Śaṅkhaṇḍī *Samīkṣā-phakkikā*
R66x23 Citsukha *Brahma-siddhi-vyākhyā*
R66x24 Ānandapūrṇa *Brahmasiddhi-vyākhyā*
R66x3 Suresvaracarya. Naiṣkarmyasiddhi
R66x31 Ānandānubhava *Naiṣkarmyasiddhi-vyākhyā*
R66x32 Jñānottamamiśra *Candrikā*
R66x33 Citsukhācārya *Comm. on Naiṣkarmyasiddhi*
R66x34 Jayakṛṣṇabrahmatīrtha *Comm. on Naiṣkarmya-siddhi*
R66x4 Vimuktaman. Istasiddhi
R66x41 Jñānottama *Vivaraṇa*
R66x42 Ānandānubhava *Commentary*
R66x5 Sarvajnatman. Samksepa-sariraka
R66x51 Rāmātīrtha *Anvayārthaprakāśikā*
R66x52 Puruṣottamamiśra or Puruṣottamadīkṣita *Subodhini*
R66x53 Nṛsimhāśrama *Tattvabodhini*
R66x54 Rāghavānanda Sarasvatī *Vidyānanda-varṣiṇī*
R66x55 Madhusūdana Sarasvatī *Commentary*
R66x6 Anandabodha. Advaita-makaranda or Nyaya-makaranda
R66x61 Citsukhācārya *Comm. on Advaita-makaranda*

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R66x7	Sriharsa. Kandana-khanda-khadya or Anirva- caniyata-sarvasva
R66x71	Citsukhācārya <i>Commentary</i>
R66x72	Varadarāja <i>Commentary</i>
R66x73	Śaṅkaramiśra <i>Commentary</i>
R66x74	Ānandapūrṇa <i>Khaṇḍanaphakkikā-vibhajana or</i> <i>Vidyāsāgarī</i>
R66x75	Raghunātha <i>Commentary</i>
R66x8	Citsukhacarya. Advaita-pradipa or Citsukhi
R66x81	Pratyagrūpa <i>Bhagavān Nayanaprasādini</i>
R66x9	Madhusudana Sarasvati. Advaita-siddhi
R66x91	Brahmānanda Sarasvati <i>Laghucandrikā</i>
R66x911	Viṭṭhaleśopādhyāya <i>Comm. on Laghucandrikā</i>
R66x92	Brahmānanda Sarasvati <i>Gurucandrikā</i>
R66x93	Balabhadra <i>Advaita-siddhi-vyākhyā</i>
R66x94	Sadānanda Vyāsa <i>Advaita-siddhi-saṅgraha</i>

Other Classics by the Chronological Device (Illustrative)

R66xD68:11	Śaṅkara <i>Vivekacūḍāmaṇi</i>
R66xD68:12	Śaṅkara <i>Aparokṣānubhūti</i>
R66xD68:13	Śaṅkara <i>Daśaśloki</i>
R66xD68:131	Madhusūdana Sarasvati <i>Siddhānta bindu</i>
R66xD68:14	Śaṅkara <i>Pañcīkaraṇa</i>
R66xD68:15	Śaṅkara <i>Dakṣiṇāmūrti stotra</i>
R66xD68:18	Śaṅkara <i>Vākysudhā</i>
R66xD70:1	Totakācārya <i>Śrutisāra samuddharāṇa</i>
R66xD95	Prakāśātman <i>Sābdanirṇaya</i>
R66xD951	Ānandabodha <i>Comm. on Sābdanirṇaya</i>
R66xF50:1	Ānandabodha <i>Pramāṇamālā</i>
R66xF50:11	Pramāṇamālāvyākhyā
R66xF50:2	Ānandabodha <i>Nyāya-dīpāvali</i>
R66xF50:21	Citsukhācārya <i>Comm. on Nyāya-dīpāvali</i>
R66xG70	Sukhaprakāśa <i>Commentary</i>
R66xG80	Ānandagiri <i>Tarkāsaṅgraha</i>
R66xH10	Bhāratīrtha <i>Vaiyāsika-nyāyamālā</i>
R66xH101	Vidyāranya <i>Vaiyāsika-nyāyamālā-vistara</i>

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- R66xH50:1 Vidyāraṇya *Pañcadaśī*
 R66xH50:2 Vidyāraṇya *Jivanmuktiviveka*
 R66xH50:3 Vidyāraṇya *Vivarana-prameya-saṃgraha*
 R66xI50 Lakṣmīdhara *Advaita makaranda*
 R66xI501 Svayamprakāśānanda *Commentary*
 R66xI90 Śaṅkara Miśra *Bhedaratnam*
 R66xJ10 Raṅgarājādhvarin *Advaitamukura*
 R66xJ25:1 Sadānanda *Vedāntasāra*
 R66xJ25:11 Āpadeva *Bālābodhinī*
 R66xJ25:13 Rāmatīrtha *Vidvanmanorañjanī*
 R66xJ40:1 Narasimhāśrama *Advaita-dīpikā*
 R66xJ40:2 Narasimhāśrama *Bhedadhikkāra*
 R66xJ40:3 Narasimhāśrama *Nṛsimha vijñāpana*
 R66xJ40:4 Narasimhāśrama *Vedānta tattva viveka*
- R66xJ50:1 Appayadīkṣita *Śārīraka-nyāya-rakṣamāṇi*
 R66xJ50:2 Appayadīkṣita *Siddhānta-leśa-saṅgraha*
 R66xJ50:21 Acyutakṛṣṇānanda *Siddhānta-leśa-saṅgraha-vyākhyā*
- R66xJ50:3 Appayadīkṣita *Vādanakṣatramālā or Nakṣatra-vādāvalī*
- R66xJ80 Kāśmīraka Sadānanda *Yogi Advaita-brahmasiddhi*
 R66xJ85 Dharmarāja Dīkṣita *Vedānta paribhāṣā*
- R66xK00:1 Madhusūdana Sarasvatī *Advaitaratnarakṣaṇa*
 R66xK00:2 Madhusūdana Sarasvatī *Prasthānabheda*
 R66xK00:3 Madhusūdana Sarasvatī *Vedānta Kalpalatikā*
 R66xK00:4 Madhusūdana Sarasvatī *Īśvara pratipatti prakāśa*
- R66xK30 Raṅgojibhaṭṭa *Advaita-cintāmaṇi*
 R66xK60:1 Anantadeva *Siddhānta tattva or Vedānta prakaraṇa*
- R66xK70 Kṛṣṇānanda Sarasvatī *Siddhānta-siddhāñjana*
 R66xK701 Bhāskaradīkṣita *Ratnatulikā*
- R66xK85 Gaṅgādharendra Sarasvatī *Vedānta siddhāntasūkti māñjarī*
- R66xK90 Svārājya *siddhi*
 R66xL20 Brahmānanda Sarasvatī *Advaita siddhānta vidyotana*

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- R66xL40 Tāṇḍavar *Kaivalyanavanītam*
R66xL404 Govindar *Tātparya dīpikā*
- R66xL50:1 Sadāśivendra Sarasvati *Siddhāntakalpavallī*
- R66xM00 Ayyaṇṇādikṣita *Vyāsa-tātparya-nirṇaya*
R66xM10 Narahari *Bodhasāra*
R66xM40 Cidambarasvami *Advaitasāstirattiraṭṭu*
1. 66:5x1 Sankara. *Brahmasutra-bhasya*
R66:5x11 Padmapāda *Pañcapādikā*
R66:5x111 Prakāśātman *Pañcapādikā-vivaraṇa*
R66:5x1111 Akhaṇḍānandamuni *Tattvadīpana*
R66:5x1112 Citsukha *Vivaraṇa-tātparya-dīpikā*
R66:5x1113 Nṛsiṃhāśramamuni *Bhāvaprakāśikā*
R66:5x1115 Rāmānanda Sarasvati *Vivaraṇopanyāsa*
R66:5x112 Amalānanda *Pañcapādikā-darpana*
R66:5x113 Ānandapūrṇayati *Pañcapādikā-tīkā*
R66:5x12 Vacaspatimiśra *Bhāmatī*
R66:5x121 Amalānanda *Kalpataru*
R66:5x1211 Appayadikṣita *Parimala*
R66:5x1212 Lakṣmīnṛsiṃha *Ābhoga*
R66:5x13 Prakāśārtha-vivaraṇa
R66:5x14 Citsukha *Bhāṣya-bhāva-prakāśa*
R66:5x15 Ānandagiri *Sārīrakabhāṣya-vyākhyā* or *Nyāya nirṇaya*
- R66:5x16 Rāmānanda Sarasvati or Govindānanda Sarasvati
Bhāṣya-ratna-prabhā
- R66:5x161 Acyutakṛṣṇānanda *Ratnaprabhā-vyākhyā*
R66:5x17 Kṛṣṇānandayati or Advaitānanda *Brahmavidyā-bharana*
- R66:5x2 Vijñānabhikṣu *Vijñānāmṛta*
R66:5x3 Rāmānanda Sarasvati *Brahmāmṛta-varṣiṇī*
R66:5x4 Haridikṣita *Brahma-sūtra-vṛtti*
R66:5x5 Brahmānandā Sarasvati *Vedāntasūtramuktāvalī*
R66:5x6 Sadāśivendra Sarasvati *Brahma-sūtra-vṛtti*
R66:5xJ50 Appayadikṣita *Nyāyarakṣamāṇī*
R66:5xM50 Raghunātha Sūri *Saṅkarapāḍabhāṣana*

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- R66:6x1 Śaṅkara *Gītābhāṣya*
R66:6x11 Ānandagiri *Vivecana*
R66:6x12 Dhanapati *Bhāṣyotkarṣa-dīpikā*

R66:6x2 Madhusūdana Sarasvatī *Gūḍhārtha dīpikā*
R66:6x6 Vedantadeśika *Brahmānandagiri*
R66:6x7 Hanumān *Paiśāca bhāṣya*

R66:6xG90 Jñāneśvara *Jñāneśvari*
R66:6xI20 Bhaṭṭar *Bhagavadgītai*
R66:6xI201 Bhaṭṭar *Gūḍārtha dīpikāi*
R66:6xI208 Vadivelu Chettiār *Gītai vacanam*

R66:8x1 Śaṅkara *Viṣṇusahasranāma bhāṣya (alternative)*
R66:8x2 Śaṅkara *Sanatsūjātīya bhāṣya*

R663 Pratyabhijna (Kasmirian)

- R663x1 Somananda. *Sivadrsti*
R663x11 Somānanda *Vṛtti*
R663x13 Abhinavagupta *Sulocana*

R663x2 Utpala. *Pratyabhijna sutra*
R663x21 Utpala *Vṛtti*
R663x211 Utpala *Tīkā (Vivṛti)*
R663x22 Abhinavagupta *Pratyabhijñā vimarśini (Laghu vṛtti)*
R663x23 Abhinavagupta *Pratyabhijñā vivṛti vimarśini (Bṛhadvṛtti)*

R663x24 Bhāskara *Śivasūtra vārttika*
R663x25 Kṣemarāja *Pratyabhijñā hṛdaya*

R663x3:1 Abhinavagupta. *Tantraloka*
R663x3:11 Jayaratha *Commentary*
R663x3:2 Abhinavagupta *Tantrasāra*
R663x3:3 Abhinavagupta *Paramārthasāra*
R663x3:31 Yogarāja *Commentary*

R6634 Virasaiva advaita

- R6634:5x1 Śrīpatipaṇḍitācārya *Śrīkara bhāṣya*

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R672 VISISTADVAITA (VAISNAVA)

- R672x1 Yāmuna *Siddhitraya*
R672x2 Rāmānuja *Vedāntasāra*
R672x3 Nāthamuni *Nyāyatattva*
R672x4 Parāśara Bhaṭṭa *Tattvaratnākara*
R672x5 Rāmamiśra *Vivaraṇa*

Other Classics by the Chronological Device (Illustrative)

- R672xE20:1 Rāmānuja *Vedantadīpa*
R672xE20:2 Rāmānuja *Vedārthāsāṅgraha*
R672xE20:21 Sudarśana *Tātparya-dīpikā*
R672xE20:211 Rāma Miśra *Snehapūrti*
R672xG68:1 Vedāntadeśika or Venkaṭanātha *Adhikarāṇa sārāvali*
R672xG68:11 Varadanātha or Kumāraravadācārya *Adhikarāṇacintāmaṇi*
R672xG68:2 Vedāntadeśika *Tattvamuktākālāpa*
R672xG68:21 *Tattvamuktākālāpa-vyākhyā*
R672xG68:3 Vedāntadeśika *Nyāyapariśuddhi*
R672xG68:31 Śaṭhakopayati *Commentary*
R672xG68:32 Śrīnivāsadāsa *Nyāyasāra*
R672xG68:4 Vedāntadeśika *Nyāyasiddhāṅjana*
R672xG68:41 Raṅgarāmānuja *Nyāyasiddhāṅjana vyākhyā*
R672xG68:5 Vedāntadeśika *Vāḍitrayakhaṇḍana*
R672xG68:6 Vedāntadeśika *Satadūṣaṇi*
R672xG68:61 Rāmānujadāsa or Mahācārya *Caṇḍamāruta*
R672xG68:62 Nṛsimharāja *Satadūṣaṇi-vyākhyā*
R672xG68:63 Śrīnivāsa *Sahasrakiraṇi*
R672xG80:1 Pillai Lokācārya *Tattvatrayam*
R672xG80:2 Pillai Lokācārya *Tattvaśekhara*
R672xG90:1 Jnāneśvara *Amṛtānubhava*
R672xK20:1 Venkaṭācārya *Siddhāntaratnāvali*
R672xK50 Śaṭhamarṣa Śrīnivāsātātācārya *Ananda-tāratamya khaṇḍanam*
R672xK80:1 Śrīnivāsa *Aruṇādhikarāṇa-saraṇa-vivaraṇi*
R672xK80:2 Śrīnivāsa *Oṅkāravādārtha*
R672xK80:3 Śrīnivāsa *Jigñāsādarpaṇa*

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- R672xK80:4 Śrīnivāsa *Jñānaratna-prakāśikā*
 R672xK80:5 Śrīnivāsa *Natvadarpaṇa*
 R672xK80:6 Śrīnivāsa *Tattvamārtāṇḍa*
 R672xK80:7 Śrīnivāsa *Pranavadarpaṇa*
 R672xK80:81 Śrīnivāsa *Virodhanirodha*
 R672xK80:82 Śrīnivāsa *Yatīndramata-dīpikā*
 R672xK90:1 Mahācārya or Rāmānujadāsa *Pārāśaryavijayā*
 R672xK90:2 Mahācārya *Vedāntavijaya*
 R672xK90:3 Mahācārya *Advaitavidyāvijaya*
 R672xK90:4 Mahācārya *Sadvidyāvijaya*
 R672xK95 Bucci Venkaṭācārya *Vedāntakārikāvali*
 R672xL20 Paravastu Vedāntācārya *Vedāntakaustubha*
 R672xL25 Nṛsimhadeva *Anandavallarī*
 R672xL40 Raṅgarāmānuja *Parapakṣanirākṛta*
 R672xL50 Śaṭhakopamuni *Brahmalakṣaṇa vākyārtha*
 R672xM20:1 Anantācārya *Śārīravāda*
 R672xM20:2 Anantācārya *Samvidekatvānumāna-nirāsa-
vādārtha*
 R672xM20:3 Anantācārya *Samāsavāda*
 R672xM20:4 Anantācārya *Brahmapadaśaktivāda*
 R672xM56 Ānandāzhvār *Vedānta vādāvali*
R672:5x2 Ramanuja Sribhasya
 R672:5x21 Sudarśana *Sribhāṣya-vyākhyā, Śrutaprakāśa*
 R672:5x211 Varadaviṣṇu *Śrutaprakāśa-vyākhyā, Bhāva-
prakāśikā*
 R672:5x212 Lakṣmaṇa *Gurubhāvaprakāśa*
 R672:5x22 Sudarśana *Śrutapradīpikā*
 R672:5x23 Vedāntadeśika *Tattvaṭīkā*
 R672:5x24 Sundararāja *Commentary*
 R672:5x25 *Nyāyaprakāśikā*
 R672:5x26 Raṅgarāmānuja *Mūlabhāvaprakāśikā*
 R672:5x3 Raṅgarāmānuja *Śārīraka śāstrārtha dīpikā*
 R672:5xJ50 Appayya Dikṣita *Nayamayaṭṭha mālikā*
 R672:6x1 Yāmuna *Gītārthasaṅgraha*
 R672:6x11 Vedāntadeśika *Gītārthasaṅgraha-rakṣā*

PHILOSOPHY

- R672:6x2 Rāmānuja *Bhagavadgītā bhāṣya*
R672:6x21 Vedāntadeśika *Tātparyacandrikā*

R673 SAIVA SIDDHANTAM

- R673x1 Uyyavandadevar I *Tiruvundiār*
R673x11 Uyyavandadevar II *Tirukkalirrupādiyar*
R673x2 Meykandadevar. Sivajnana bodham
R673x21 Aruṇandi Śivācārya *Sivajñāna siddhi*
R673x26 Umāpati Śivācārya *Sivaprakāśa*
R673x27:1 Śivajnāna Yogi *Drāviḍa Mahā bhāṣya*
R673x27:2 Śivajnāna Yogi *Laghu ṭikā*
R673x3 Aruṇandi Śivācārya *Irupā irupadu*
R673x4 Manavācakam Kaṇḍandān *Uṇmai vilakkam*
R673x5 Marai Jnānasambandar *Sivasamaya neri*
R673x6:1 Umāpati Śivācārya *Tiruvuruṭṭayan*
R673x6:2 Umāpati Śivācārya *Vinā veṇbā*
R673x6:3 Umāpati Śivācārya *Porṟipahrodai*
R673x6:4 Umāpati Śivācārya *Kodikkavai*
R673x6:5 Umāpati Śivācārya *Nenjuviḍu tūdu*
R673x6:6 Umāpati Śivācārya *Uṇmai neri vilakkam*
R673x6:7 Umāpati Śivācārya *Saṅkalpa nirākaraṇam*
R673x7 Kaṇṇuḍaya Vaḷḷal *Ozhivil oḍukkam*
R673x8 Śambudeva *Saiva siddhānta dīpikā*
R673x91 Śivajnāna Yogi *Tattuvaprakāśa*
R673x911 Śivajnāna Yogi *Tattuvakṭṭalai*
R673:5x1 Srikantha Sivacarya. Brahmasutrabhasya
R673:5x11 Appayadīkṣita *Sivārkaṇḍīdīpikā*
R673:5x12 Nilakaṇṭha *Kriyāsāra*

R68 DVAITA

- R68x1 Ānandatīrtha or Madhvācārya *Tattvasaṅkhyāna*
R68x11 Jayatīrtha *Tattvasaṅkhyāna-vivaraṇa*
R68x2 Ānandatīrtha *Aṇubhāṣya*
R68x3 Jayatīrtha *Vādāvali*
R68xF99 Ānandatīrtha *Sarvamūla*
R68xI20 Čalari Seṣācārya *Pramāṇa candrikā*

PHILOSOPHY

- R68xI67:1 Vyāsātīrtha *Nyāyāmṛta*
 R68xI67:11 Śrīnivāsa *Nyāyāmṛta prakāśa*
 R68xI67:12 Rāmācārya *Nyāyāmṛta taranginī*
 R68xI67:2 Vyāsātīrtha *Bhedojjīvana*
 R68xI67:21 Śrīnivāsa *Sarkara*
 R68xI67:3 Vyāsātīrtha *Tarkatāṇḍava*
 R68xJ20 Vanamāli Miśra *Mādhvamukhālāṅkāra*
 R68xK30 Viśvanātha Paṇcānana Bhaṭṭācārya *Bhedasiddhi*
 R68xL50 Veṇīdattācārya *Bheda jayaśrī*
- R68:5x1 Anandatīrtha. Brahmasutrabhāṣya**
 R68:5x11 Jayatīrtha *Tattvapraśāśikā*
 R68:5x111 Vyāsātīrtha *Tātparya-candrikā*
 R68:5x1111 Rāghavendrātīrtha *Tātparyacandrikā-prakāśa*
 R68:5x112 Rāghavendrātīrtha *Tattvapraśāśikābhāṣa*
- R68:5x2 Anandatīrtha. Brahmasutranuvyākhyana**
 R68:5x21 Jayatīrtha *Nyāyasudhā*
 R68:5x211 Rāghavendrātīrtha *Nyāyasudhā parimala*
 R68:5x212 Keśava *Śeṣavākyārtha candrikā*
 R68:5x214 Yādupadācārya *Yādupādīya*
 R68:5x218 Śrīnivāsa *Nyāyasudhā ṭīpṇaṇi*
- R68:6x1 Ānandatīrtha *Bhagavadgītā bhāṣya*
 R68:6x3 Rāghavendra *Vivṛti*
- R68:7x1 Ānandatīrtha *Bhāgavata-tātparya nirṇaya*
 R68:7xK20 Vāmana *Śrutikalpalatā*
 R68:8x1 Ānandatīrtha *Mahābhārata tātparya-nirṇaya*

R6891 BHEDABHEDA

- R6891:5x1 Bhāskarācārya *Brahmasūtrabhāṣya*
 R6891:5x2 Baladeva *Vedānta sūtra bhāṣya or Govinda-bhāṣya*

R6892 DVAITADVAITA

- R6892x1 Nimbārka *Daśaśloki or Vedāntasiddhāntaśāra*
 R6892x11 Bhagavatpuruṣottamācārya *Vedāntaratnamāñjṛśā*
 R6892x2 Anantarāma *Vedānta tattva bodha*
- R6892:5x1 Nimbarka. Vedānta-parijata saurabha**
 R6892:5x11 Śrīnivāsācārya *Vedānta kaustubha*

PHILOSOPHY

- R6892:5x2 Devācārya *Siddhānta jāhnāvi*
R6892:5x21 Sundara Bhaṭṭa *Dvaitādvaitasiddhāntasetukā*
R6892:6x3 Keśavakāśmīrin *Tattvapraśāsikā*

R6893 SUDDHADVAITA

- R6893x1 Vallabhācārya *Tattvārthadīpikā*
R6893x111 Vidyāvaijayanti
R6893:5x1 Vallabhacarya. Anubhasya
R6893:5x11 Gosvāmi Śrī-Puruṣottamjee *Bhāṣya-prakāśā*
R6893:5x12 Bālabodhinī
R6893:5x14 Gosvāmi Śrī-Puruṣottamjee *Vedāntādhikāraṇḍ
mālā*
R6893:5x18 Vrajanātha Bhaṭṭa *Marīcikā*
R6893:7x1 Vallabhācārya *Bhāgavātā-ṭikā, Subodhinī*

R693 JAIN PHILOSOPHY

Classics

- R693x1 Umasvati. *Tattvarthadhigama sutra*
R693x11 Siddhasena Gaṇi *Tattvārtha ṭikā*
R693x12 Sāmantabhadra *Gandhastimabhāṣya*
R693x13 Pūjyapāda *Sarvārthasiddhi*
R693x14 Akalaṅka *Tattvārthaṭikāvyaṅkyālankāra*
R693x15 Rājavārttika
R693x16 Vidyānanda *Slokaṅkārttika*
R693x17 Śrīvarddhadeva *Cūḍāmaṇi*
R693x2:1 Kundakunda *Ṣaḍprābhṛta*
R693x2:11 Śrutasāgara *Commentary*
R693x2:2 Kundakunda *Samayasāraprābhṛta*
R693x2:21 Amṛtacandra *Commentary*
R693x2:3 Kundakunda *Aṣṭaprabhṛta*
R693x2:4 Kundakunda *Pancāstikāya (Pancatthiyasāra)*
R693x2:41 Amṛtacandra *Commentary*
R693x2:5 Kundakunda *Prābhṛtasāra*
R693x2:6 Kundakunda *Pravacanasāra*
R693x2:61 Amṛtacandra *Commentary*
R693x2:7 Kundakunda *Niyamasāra*
R693x2:81 Kundakunda *Pavolinī*
R693x2:82 Kundakunda *Rayasāra*

PHILOSOPHY

- R693x7 *Malliṣeṇa Syādvādamanjari*
R693xD90:1 *Amṛtacandra Tattvārthasāra*
R693xD90:2 *Amṛtacandra Puruṣārthasiddhyupāya*
R693xD90:1 *Nemicandra Dravyasaṅgraha*
R693xD98:2 *Nemicandra Trilokasāra*
R693xD98:3 *Nemicandra Gommatasāra*
R693xD98:4 *Nemicandra Labdhisāra*

R694 BUDDHISTIC PHILOSOPHY

General.

- R694kx1 *Kenjiu kasawara: Dharmasaṅgraha*
R694x8 *Advayavajra: Advayavajrasaṅgraha*

R6941 HINAYANA

- R6941x3:1 *Vasubandhu: Abhidharmakośa*
R6941x3:11 *Yaśonitra: Sphuṭārtha Abhidharmakośavyākhyā*
R6941x3:2 *Vasubandhu: Gāthā-saṅgraha*
R6941x3:3 *Vasubandhu: Paramārtha-saptati*
R6941x4:1 *Anuruddha: Abhidhammatthasaṅgaha*
R6941x4:2 *Anuruddha: Nāmarūpapariccheda*

R6945 MAHAYANA

- R6945x1 *Prajñaptimata*
R6945x2 *Buddhāvataṃsaka including Gaṇḍavyūha*
R6945x3 *Daśabhūmika*
R6945x4 *Ratnakūṭa*
R6945x4:63 *Kāśyapa-parivartta*
R6945x5 *Samādhirāja or Candrapradīpasūtra*
R6945x6 *Suvarṇaprabhāsa*
R6945x7 *Aśvaghōṣa Srāddhotpādaśāstra (Awakening of faith)*

R6946 YOGACARA

- R6946x1:1 *Maitreyanātha: Abhisamayālaṅkāra-Kārikā or Prajñā-pāramitopadeśa-śāstra*
R6946x1:2 *Maitreyanātha: Yogācāra Bhūmi-śāstra or Sapta daśa-Bhūmi-śāstra including Bodhisattva-bhūmi*
R6946x1:3 *Maitreyanātha: Mahāyāna-sūtrālaṅkāra*
R6946x2:1 *Asaṅga: Mahāyāna-saṃparigraha*

PHILOSOPHY

- R6946x2:2 Asanga : *Prakarāṇa-āryavācā*
 R6946x2:3 Asanga : *Mahāyānābhīdharmasamgīti-śāstra*
 R6946x3:1 Vasubandhu : *Viṃśatīkā*
 R6946x3:2 Vasubandhu : *Trimśatīkā*
 R6946x4:1 Śāntarakṣita : *Tattva sāṅgraha*
 R6946x4:11 Kamalaśīla : *Pañcīkā*
 R6946x5 *Lankāvatāra Sūtra*

R6947 MADHYAMIKAS

- R6947x1:1 Nāgārjuna : *Mādhyamika sūtras*
 R6947x1:11 Nāgārjuna : *Akutobhaya*
 R6947x1:12 Buddhapālita : *Mūlamādhyamikavṛtti*
 R6947x1:13 Bhāvaviveka : *Prajñāpradīpa*
 R6947x1:17 Candrakīrti : *Prasannapadā*
 R6947x1:2 Nāgārjuna : *Yuktiśaṣṭīkā*
 R6947x1:3 Nāgārjuna : *Sūnyatāsaptati*
 R6947x1:4 Nāgārjuna : *Pratītya-samutpādahṛdaya*
 R6947x1:5 Nāgārjuna : *Mahāyanavimśaka*
 R6947x1:6 *Prajñāpāramita-Sūtra-śāstra*
 R6947x1:7 *Daśabhūmi-Vibhāṣāśāstra*
 R6947x1:8 *Ekaśloka Sūtra*
 R6947x2:1 Āryadeva : *Catuhśataka*
 R6947x2:17 Candrakīrti *Commentary*
 R6947x2:2 Āryadeva : *Cittaviśuddhi-Prakarāṇa*
 R6947x2:4 Āryadeva : *Hastavala-prakarāṇa* or *Muṣṭi-prakarāṇa*
 R6947x2:5 Āryadeva : *Akṣaraśataka*
 R6647x3 *Sthiramayī*
 R6947x4:1 Diñnāga : *Nyāyapreśa*
 R6947x4:2 Diñnāga : *Pramāṇasamkhyā*
 R6947x5 Dharmapāla
 R6947x6:1 Dharmakīrti-Nyāyabindu
 R6947x6:11 Dharmottari *Nyāyabinduṭīkā*
 R6947x6:2 Dharmakīrti *Santānāntarasiddhi*
 R6947x6:3 Dharmakīrti : *Vādanyāya*
 R6947x7:1 Candrakīrti : *Mādhyamāvatāra*

S PSYCHOLOGY

S [E]: [P]

S—[E]: [P]

<i>Divisions based on the train of</i>		7	Race
Entity or E			
<i>Characteristic</i>			<i>To be divided by the</i>
			Geographical Device
1	Child	76	Negro
11	New born	8	Social
12	Toddler		<i>To be subdivided as the</i>
13	Infant		<i>group divisions of Y1 Sociology</i>
15	Pre-adolescent	9	Animals (genetic)
2	Adolescent		
21	Boys		<i>Divisions based on the train of</i>
25	Girls		Problem or P
3	Post-adolescent		<i>Characteristic</i>
35	Middle age	1	Nervous System
38	Old age		<i>(To be divided as the</i>
4	Vocational		<i>Organ Number 7 of</i>
			<i>schedule L)</i>
5	Sex	2	Sensation
51	Male	21	Static senses, equili-
55	Female		brium, position,
58	Eunuch		etc.
6	Abnormal	22	Taste
61	Genius	23	Hearing
62	Idiot	24	Smell
63	Insane	25	Sight
64	Sick and infirm	27	Touch
65	Criminal	28	Cutaneous senses,
67	Deaf and dumb		pressure and joint
68	Blind	29	senses
6916	Left handed	291	Other senses
			Other organic senses

PSYCHOLOGY

3	Characters of consciousness	523	Joy
		524	Anger
31	Attention	526	Fear
311	Apperception	53	Affection, hatred
315	Selection	55	Love
318	Abstraction	56	Anxiety
32	Association	57	Sentiments, interest
34	Work, fatigue		
35	Habit, accommodation, adaptation, complacency	6	Conation and movement
		61	Dynamo gene sis, inhibition
38	Time relations of consciousness, mental chronometry	62	Instinct, impulse (imitation and play)
		63	Reflexation
4	Cognition, conception	64	Conscience
		65	Volition and effort
41	Conception of idea	68	Special motor functions
42	Conception of time, space and motion	682	Speech and song
43	Memory, imagination, remembering, forgetting	6821	Soliloquy
		6822	Dialogue
44	Reasoning, thinking, judgment, belief	6823	Debate
		6825	Public speech
45	Reflection, self-consciousness	6828	Song
		683	Walking
46	Normal illusions, normal suggestions	685	Seeing
		686	Handwriting and drawing
47	Opinion	7	Personality, ego, character
5	Feeling, emotion, affection	71	Vitality
		72	Intelligence
51	Pleasantness, unpleasantness	73	Ability
		7395	Transfer of ability
52	Emotions	74	Character
521	Laughter	743	Fairmindedness

PSYCHOLOGY

		Applicable to Problem	
		Divisions '2' and '3'	
75	Temperament		
76	Intuition		
77	Opinion	2	Anatomy
78	Psychic powers	3	Physiology
791	Longevity	31	Reflex functions
793	Endurance	35	Automatic functions
794	Immunity	4	Pathology
795	Acclimatization	5	Psycho-physics
796	Drug habit	6	Psychometry
8	Metapsychology	8	Measurement of sen- sation
81	Sleep		
811	Dreams		
813	Hallucinations		
815	Unconscious, sub- conscious		
851	Hypnotism, mes- merism	SM62	Experimental
852	Suggestion	SM95	Psycho-analytic
86	Psycho-therapy (al- ternative)	SN12	Gestalt
		SN13	Behaviouristic
		SN14	Individualistic
9	Applications	SN17	Reflexology
<i>Divisions based on the train of</i>		SN25	Eidetic and typo- logical
Point of View or V		SN36	'We'
<i>Characteristic</i>			

T EDUCATION

T [E]: [P]

<i>Divisions based on the train of Educand or E</i>		7	Backward classes
<i>Characteristic</i>		9	Other classes
1	Pre-secondary	<i>To be divided by the Subject Device</i>	
13	Pre-school child	<i>(illustrative)</i>	
15	Elementary	9Y131	Rural community
2	Secondary	9Y152	Aristocracy
25	Intermediate	9Y154	Military classes
3	Adult	<i>Divisions based on the train of Problem or P</i>	
31	Literate	<i>Characteristic</i>	
35	Foreigner	1	Nomenclature etc.
38	Illiterate	2	Schools of Education
4	University	<i>Divisions by the Chronological Device</i>	
42	Pass	<i>(illustrative)</i>	
43	Honours	2J92	Commenius, object teaching
45	Post-graduate	2L12	Rousseau's school
48	Research	2L24	Kant's school
5	Sex	2L50	Pestalozzi's school
51	Male	2L62	Fichte's school
55	Female	2L76	Herbart's school
6	Abnormal	2L82	Froebel's kindergarten
61	Genius	2L96	Mann's school
62	Idiot	2M58	Manual training
63	Insane	2N00	Platoon school
65	Criminal	2N12	Montessori school
67	Deaf and dumb		
673	Stammerers		
68	Blind		

EDUCATION

2N15	Project method	44	Curriculum
2N20	Dalton plan	441	Text books
3	Teaching technique	445	Extra-curricular activities
	<i>(To be divided by the Subject Device with the following modification</i>	4451	Books
		4452	Library books
In the case of	Linguistics	45	State, community and education
	omit the stage number and instead of the language numbers put the following :	451	Board of Education
		4515	Compulsory education
1	Mother Tongue	452	Community and education
5	Foreign language	4528	Parent associations
8	Classical language)	455	Employment and vocational guidance
4	Organisation	457	Inspection
41	Admission, fees, scholarship, term	46	Finance
411	Admission	<i>To be subdivided as 7 Public Finance of X Economics</i>	
412	Fees, scholarship		
4125	Research fellowship		
413	Term, holidays, attendance	467	Grants
414	Classes, Grades	47	Educational measurements
415	Time-table	471	Intelligence tests
417	Residence	<i>Subdivisions by the Chronological Device (illustrative)</i>	
42	Library		
43	Personnel, class room management		
431	Administrative (Head m a s t e r , principal, dean)	471N05	Binet-Simon
432	Assistants	471N19	Terman
435	Class room management	471N23	Block-design tests
		471N24	Form board and performance tests
4356	Rewards, punishments	471N26	Drawing tests
		471N30	Brain tests
438	Supervising staff	471N31	Merrill-Palmer tests
		472	Achievement tests

EDUCATION

475	Examination, marking	7	Students' social life and organisation
4751	Examination papers	71	International students' organisation
477	Interview, <i>viva voce</i>		
478	Diplomas, leaving certificates	76	Leisure
48	Management	8	Special topics
484	Consolidation	81	Medium of instruction
5	School hygiene and physical education	83	Study methods
51	Hygiene of the child	84	Co-operation and competition
54	Medical inspection	85	Visual instruction
55	Games, physical training	86	Radio and education
		88	Correspondence courses
6	School building, furniture	893	Debates

U GEOGRAPHY

U [P]: [G]: [C]

<i>Divisions based on the train</i>	2	Physical geography
<i>of Problem or P</i>	21	Geomorphology
<i>Characteristic</i>	25	Oceanography
1 Mathematical geo-	251	Extension
graphy	252	Surface
11 Cartography	253	Deep sea soundings
111 Scale		and relief of the
112 Delineation of the		ocean floor
ground	254	Oceanic deposits
114 Measurement of dis-	255	Properties of the
tance		sea water
115 Map printing	2552	Physical
117 Maps with a special	2553	Chemical
purpose	256	Oceanic circulation
12 Map projection	2562	Currents
13 Relief map		
14 Globe	28	Meteorology
16 Movement of earth.	281	Weather
Seasons	282	Atmospheric pres-
161 Spring		sure
162 Summer	283	Wind
163 Autumn	2831	Velocity
164 Winter	2835	Storm
18 Topo g r a p h i c a l	284	Temperature
survey	285	Humidity
181 Land survey	2853	Clouds
182 Latitude and longi-	2855	Rainfall
tude	2856	Dry condition
1823 Longitude	286	Other physical and
1824 Latitude		chemical pheno-
185 Hydrographical		mena
survey	2862	Physical

GEOGRAPHY

28627	Magnetic	45	Population
2863	Chemical	47	Reaction of man and environment
287	Climate		(Human geography)
288	Cosmic meteorology		
2891	Weather forecasting		
29	Other regions	5	Political geography
294	Stratosphere	54	Military geography
296	Ionosphere	6	Economic geography
3	Biogeography		
33	Paleogeography	641	Trade routes
35	Floral	6415	Railways
36	Faunal	6425	Oceanic routes
37	Reaction of organism and environment	6435	Air routes
		67	Resources (alternative to place in X Economics)
4	Anthropogeography		
41	Race-distribution	671	Natural
42	Migration	672	Industrial
421	Inland		
425	Emigration	8	Travels, expeditions, voyages
426	Immigration		

V HISTORY

V [G]: [P]:[C]

<i>Divisions based on the train of</i>			
	Problem or P Characteristic		
		2511	Liberty of person <i>To be subdivided as the Law Number '11' of 'Z Law')</i>
1	Political and gene- ral	2512	Liberty of family <i>(To be subdivided as the Law Number '12' of 'Z Law')</i>
12	Home policy	252	Right of property
17	Colonial policy	253	Freedom of contract
18	Mandatory policy	254	Freedom of public meeting
19	Foreign policy	255	Franchise
2	Constitutional	256	Sanctity of private correspondence
21	Crown, president	257	Freedom of expres- sion of opinion
211	Consort	258	Other rights <i>(To be divided by the Subject Device) (Illustrative)</i>
212	Heir	258Q	Freedom of belief and conscience
213	Other children	258T	Education
22	Executive	258U42	Liberty of migra- tion and move- ment
221	Prime minister	258W28	Equal eligibility for office
23	Legislature	258X	Freedom of trade and industry
231	First house	258Y5	Work
232	Second house		
235	Members		
236	Parliamentary com- mittees		
237	President		
238	Administrative staff		
2392	Referendum		
24	Political parties		
25	Political rights and duties		

HISTORY

258Y8	Freedom of association	67	Literature
		68	Language
258Z	Equality before law	7	Archaeology, epigraphy, etc.
259	Duties		Archæology
2591	Loyalty, allegiance	71	Epigraphy, inscriptions, etc.
2594	Military service	72	Numismatics, seals, etc.
2598	Other duties		
	<i>(To be divided by the Subject Device)</i>	73	
26	Local bodies	74	Genealogy
	<i>(To be subdivided as 2 substituting Standing Committees in the place of Local bodies)</i>	75	Heraldry
		76	Chronology
		8	Archives
27	Judiciary	817	Colonial correspondence
28	Administration	819	Diplomatic correspondence
3	Economic		Minutes of the executive
4	Military, naval and aerial	822	Proceedings of the legislature
41	Military	823	Administrative records
45	Naval		
48	Aerial	828	
5	Cultural		
6	Tradition, language and literature as sources		<i>(To be divided by the Subject Device)</i>
		84	Military, etc., records
66	Tradition		

W POLITICAL SCIENCE

W [T]: [P]

<i>Divisions based on the train of</i>		14	Declaration of the result
Type of state or T			
<i>Characteristic</i>		15	Objection petition
1	Anarchy	18	Returning officer
2	Primitive forms. tribal institutions		<i>Special methods by the Chronological device (Illustrative)</i>
3	Feudal institutions		
4	Monarchy	1M57	Proportional representation
41	Absolute monarchy		
46	Limited monarchy		
5	Oligarchy	2	Parts of Governmental organisation
6	Democracy		
61	Representative	21	Crown, president
62	Direct	211	Viceroy
64	Dictatorship	212	Governor
691	Communism	22	Executive
7	Utopia	23	Legislature
8	Change of form of state	24	Party organisation
81	Revolution	25	Party in opposition
87	Passive resistance and non-violence	26	Local bodies
		261	Urban local bodies
		263	Larger rural local bodies
<i>Divisions based on the train of</i>			
Problem or P			
<i>Characteristic</i>		264	Primary rural local bodies
1	Election method	268	Ad hoc bodies for special functions
11	Nomination		
12	Polling		<i>(To be divided by subject device)</i>
13	Counting		

POLITICAL SCIENCE

<i>Divisions of W based on</i>		3Q	State and religion
Problem or P		3T	State and education
<i>Characteristic</i>		3X4	State and transport facilities
<i>are to be applied to 26</i>		3X415	State and railways
<i>and subdivisions of 26 so far as they are applicable substituting Standing</i>		4	Relation of the state with special classes of people
Committees in the place of			
Local bodies		45	Foreigners
<i>with the proviso that if</i>		47	Backward classes
<i>applied directly to 26, a zero is to be added to 26</i>		5	Relation of the state with citizens (civic rights and duties)
27	Judiciary		
271	Supreme court		
372	Federal court		
273	High court		
275	District court		
276	Subordinate court		
2793	Bar	7	Relation with constituent and subordinate states
28	Administrative machinery, permanent executive, civil service	72	Federal
		77	Imperial
		78	Mandatory
3	Functions of Government	91	Foreign relation
		911	Diplomacy
	<i>Subdivisions by the subject device (Illustrative)</i>	91194	Espionage
		914	War
		9141	Defence
32	State and library provision	915	Peace
		9154	Disarmament

(To be subdivided as the
Point of View Number '25'
in 'V History')

X ECONOMICS

X [B] : [E] : [G] : [C]

X—[B] : [E] : [G] : [C]

<i>Divisions based on</i>		6131	Gold
<i>the train of Business or B</i>		6132	Silver
<i>Characteristic</i>		614	Paper money
4	Transport	615	Bimetallism
		619	International coin-
41	Land transport		age
411	Roads, highways	62	Banking
412	Vehicles drawn by	621	Rate of interest
	muscular power	622	Regulation of loans
413	Motor vehicles	623	Discount
415	Railways	624	Reserves
4151	Street railways	625	Special payments
4153	Provincial	626	Cheques and clearing
4155	International		houses
42	Water transport	627	Mechanism of ex-
421	Canal		change
423	River	64	Money market
424	Lakes	65	Investment
425	Oceanic	651	Stocks
428	Ports	652	Securities
43	Air transport	6521	Public, state
45	Communications	6522	Public, municipal
46	Post	6523	Industrial
47	Telegraph	654	Lotteries, chitfunds
48	Telephone	66	Money-lending
6	Finance	661	Usury
61	Money and cur-	663	Liquidation
	rency	664	Extinction
611	Denomination	69	Types of banks
613	Precious metals	691	Central and reserve

ECONOMICS

6912	Federal reserve	73	Revenue from state-owned properties
692	Industrial		
695	Commercial	74	Revenue from commercial and industrial undertakings
696	Mortgage		
6961	Land mortgage		
6966	Pawn mortgage	75	Public loans
6991	International settlement	751	Public loans in relation to state policy
7	Public finance	752	Creation of debt; forms of loans
71	Income and expenditure, budget	753	Sinking funds, conversion, liquidation, insolvency
72	Taxation		
721	Poll-tax	755	Foreign loans and foreign debts
722	Property tax		
723	Land tax	76	Expenditure
7232	Irrigation tax	796	Local public finance
724	Income-tax	8	Insurance
7241	Income from investments	81	Child
7242	Income from government bonds	83	Life
7243	Income from business	85	Marriage
	<i>To be divided by business</i>	86	Maternity
7244	Salary	88	Industrial
7245	Foreign income	89	Accidents
725	Profession tax	891	Fire
726	Inheritance tax	892	Unemployment
729	Indirect taxes	894	Sickness
7291	Taxes on articles of consumption; raw materials and manufactures	895	Marine
7292	Stamp duty	896	Bad debt. Credit
7293	Licence fees	9	Other businesses
	<i>To be divided by commodity</i>		<i>Divisions by the</i>
72991	Death duty		Subject Device
			<i>(Illustrative)</i>
		X9F182	Iron industry
		X9F551	Coal industry
		X9J	Agricultural economics
		X9JA	Lumber industry

ECONOMICS

X9M13	Paper industry	46	Cost of entire trans-
X9M7	Textile industry		port
X9MH2331	Clay industry	48	Management of
X9MJ452	Cigar industry		transport
	<i>Divisions based on</i>	5	Commerce
	Economics or E	51	Marketing
	<i>Characteristic</i>	511	Survey
1	Consumption	512	Advertising
16	Standard of living	5121	Canvassing
17	Economic conserva-	517	Monopoly
	tion	518	Dumping
		52	Retailing
2	Production	525	Retailing store
26	Cost of production		
27	Resources	53	Tariff
271	Natural	531	Protection
272	Industrial	5311	Imperial preference
28	Management of pro-	533	Free trade
	duction	535	Export duty
		536	Import duty
3	Distribution		
31	Personal. National	54	Exports and im-
	income		ports
32	Functional	545	Exports
321	Consumer	546	Imports
322	Land. Rent	55	Storage
325	Trader	56	Financing
326	Capitalist. Interest		
328	Organiser. Profit	57	Foreign exchange
329	Labour. Wages	575	Balance of trade
3M24	Socialism	58	Management of com-
3N20	Social credit		merce
		591	Internal trade
4	Transport		
41	Packing	6	Financing
42	Collection, distribu-	7	Value
	tion	73	Supply and demand
44	Haulage		<i>Laissez-faire</i>
446	Rate, freight	731	Demand
45	Warehousing	732	Supply

ECONOMICS

74	Business cycle	9	Labour
741	Boom	91	Labour systems
742	Depression	911	Child labour.
746	Recovery measures	912	Apprentice labour
75	Artificial control.	913	Free labour
	Planned economy	915	Woman labour
76	Price	9162	Slave labour
8	Management	9163	Peonage; compul-
81	Employer, owner-		sory labour
	ship	9165	Convict labour
82	Employees	9166	Immigrant labour
828	Executive	9168	Blind labour
83	Planning, prospect-	919	Other systems
	ing	92	Labour market
84	Equipment	921	Seasonal variation
845	Purchasing	922	Unemployment
85	Records, filing	923	Labour and trusts
86	Investments	925	Employment agen-
87	Accounts		cies
871	Budgeting	926	Labour and machi-
872	Book keeping		nery
873	Cost accounting	93	Skilled and unskil-
8732	Prime cost		led labour, train-
8733	Shop expenses		ing
8738	Oncost	94	Housing and social
8739	Types of cost ac-		conditions of
	counts		labour and labour
87391	Terminal or contract		hygiene
87392	Process	941	Housing
87393	Operating	943	Physiological study
87394	Multiple	9434	Fatigue study
87395	Output	944	Industrial poisons
874	Depreciation		and diseases; dust,
875	Reserve fund		vapour, heat, cold,
877	Valuation		moisture, pres-
878	Balance sheet		sure, air
88	Audit	945	Dangerous occupa-
893	Conduct of meetings		tions; accidents

ECONOMICS

946	Standard of life	X7—:[E]
948	Welfare institutions	<i>Special divisions based on the train of Economic characteristic for</i>
95	Service conditions	'72 Taxation' and its subdivisions
951	Hours	1 Incidence
9511	Overtime	11 Equal taxation
9512	Rest	12 Proportional taxation
952	Wages	
9528	Profit-sharing	124 Specific
953	Leave	127 Ad valorem
955	Compensation	13 Progressive taxation
956	Retirement allowance	2 Exemption
		3 Distribution
957	Tenure	32 Double taxation
958	Insurance	
9582	Unemployment benefit	5 Effect on Industries and Commerce
96	Trade unions	<i>Special Types of</i>
97	Strikes	Organisation by the
971	General strikes	Chronological Device
972	Sympathetic strikes	<i>(Illustrative)</i>
973	Boycott	XM25 Co-operative
974	Black listing	XM55 Joint stock company
975	Lockouts	XM85 Trust (American)
976	Sabotage	XN12 Public utility
977	Arbitration	XN17 Communistic

Y OTHER SOCIAL SCIENCES

Y1 [G] : [P] : [S] : [Gg] : [C]

Y1 SOCIOLOGY		5	Groups arising
<i>Divisions based on the train of</i>			from birth or
Group or G			status
<i>Characteristic</i>		51	Royalty
1	Groups arising	52	Aristocracy
	from age and sex	53	Middle class
11	Children	54	Military class
	<i>(To be subdivided as in</i>	55	Aliens
	<i>'S Psychology')</i>	57	Depressed class,
12	Youths		slums
13	Old persons	591	Groups arising from
15	Women		titles of distinction
16	Men	592	Groups arising from
2	Family		caste
	<i>To be subdivided as in</i>	5922	Twice-born, <i>Dvijas</i>
	<i>'R 4 Ethics'</i>	5923	Brahmans
3	Groups arising	5924	Kshatriyas
	from residence	5925	Vaiśyas
31	Rural community	5926	Sudras
33	Urban community	6	Abnormals and de-
35	City community		fectives
38	Nation		<i>(To be subdivided as in</i>
396	Mountain community		<i>'S Psychology')</i>
4	Groups arising	7	Race as a social
	from occupation		group
41	Professional	71	Prehistoric
45	Commercial	7114	Tertiary
48	Leaders	7115	Quaternary
49	Working class	714	Stone age
491	Serfs	7142	Eolithic
492	Slaves	7143	Paleolithic

OTHER SOCIAL SCIENCES

7144	Mesolithic	85	Nunneries
7145	Neolithic	9	Groups arising from other causes
718	Metal age		<i>To be subdivided by the</i>
7183	Copper and bronze		Subject Device
7188	Iron		<i>Divisions based on the train of</i>
7196	Lost races		Problem or P
71961	Gandvans		<i>Characteristic</i>
71963	Lemurians	1	Civilisation. Culture
71965	Atlantic race	2	Physical features and characters
72	Primitive		
73	Ethnologic divisions	21	Weight
738	Gypsies	22	Measurements
	<i>Other divisions by the</i>	221	Linear
	Subject Device	222	Area
	<i>(Illustrative)</i>	223	Volume
73MY6	Nomadic	23	Proportion
73P1	Aryan	24	Abnormalities
73P11	Teutonic	241	Size
73P114	Nordic	2411	Dwarf
73P128	Celtic	2412	Giant
73P14	Slav	242	Shape
73P15	Hindu	243	Position
73P2	Semitic	244	Fixation
73P_5	Jewish	245	Number
73P28	Arabic	246	Total absence
73P3	Dravidian	247	Lateral interchange
73P41	Mongolian	25	Colour
74	Territorial divisions	27	Functioning
	<i>To be got by the</i>	2922	Taste
	Geographical Device	2924	Smell
8	Groups arising from association	2927	Touch
81	Secret societies	293	Strength
82	Freemasons	294	Temperature
83	Friendly societies	3	Activities, Attitudes
84	Monasteries		<i>To be divided as the</i>
			Problem Divisions of R4 Ethics
			<i>with the following modifications</i>

OTHER SOCIAL SCIENCES

34	Ceremonials	<i>Each division of 38 to be divided as the Entity Divisions Δ and by the Subject Device and a '0' to be added after '38' if the Entity Number or Subject Number is to be directly applied to it</i>
341	Childhood	
3411	Naming	
342	Adolescence	
343	Adulthood	
344	Old age	
345	Funerals	Other Activities and Attitudes
346	Anniversaries	<i>To be got by the</i>
348	Inauguration	Subject Device
	<i>To be subdivided by the Subject Device (Illustrative)</i>	4
348D	Buildings	Social pathology
348U8	Travel	41
348W021	Coronation	Intemperance
	<i>Other ceremonials by the Subject Device</i>	411
35	'As if' activities	Alcoholism
351	Folklore	412
354	Superstitions	Tobacco habit
356	Traditions. Customs	413
	<i>Each division of 35 to be subdivided as the Entity Divisions of Δ and by the Subject Device and a '0' to be added after '35' if the Entity Number or Subject Number is to be directly applied to it</i>	Opium habit
		414
		Other drug habits
		42
		Degeneration
		421
		Physical
		423
		Mental
		425
		Moral
		426
		Spiritual
		43
		Destitution
		431
		Widowhood
		432
		Orphanhood
		433
		Unemployment
		434
		Poverty
		435
		Disasters
		4351
		Fire
		4353
		Famine
		4354
		Pestilence
		4355
		Floods
		436
		Earthquake
		437
		Accidents
38	Symbolism	438
381	Material. Totem.	War
	Flags	44
382	Ideas	Social evil
383	Sound	45
384	Graphic	Crime
386	Gesture	<i>(To be subdivided as in 'Z Law')</i>
388	Script	46
		Short life
		48
		Disunion
		484
		Espionage

OTHER SOCIAL SCIENCES

49	Other ills	85	Transport—Vehicle
492	Slavery		<i>To be divided as the</i>
	<i>To be further subdivided by the</i>		Business Division
	Subject Device		4 of X Economics
5	Population problem	86	Ornaments
51	Under-population		<i>To be divided as the</i>
52	Over-population		Regional Organ Divisions
55	Sex-proportion		<i>of L Medicine</i>
			<i>(illustrative)</i>
7	Personality	8631	Toe ring
	<i>To be divided as in</i>	8633	Anklets
	S Psychology	8637	Waist cord
8	Equipment	8666	Bangles
81	Habitat and resi-	8668	Rings
	dence	867	Necklaces
	<i>To be divided as the</i>	8683	Ear rings
	Utility Divisions of	8684	Nose rings
	N1 Architecture	8687	Crown—Head or-
			naments
82	Utensils	8688	Ornaments for hair
823	Cooking	8697	Tattooing
825	Drinking	88	Apparel
828	Storing	91	Nomenclature etc.
83	Implements		<i>To be divided as in</i>
831	Fire		G Natural Science
	<i>Other divisions by the</i>		<i>Divisions based on the train of</i>
	Subject Device		Secondary Problem or S
	<i>(Illustrative)</i>		<i>Characteristic</i>
83C4	Heating devices		For Problem Divisions 1, 3, 7, 8
83C5	Lights, lamps	1	Nomenclature, etc.
83J	Agricultural imple-		<i>To be divided as in</i>
	ments		G Natural Science
83M7	Textile implements	5	Influence. Contact
83P18	Writing implements	6	Genetic or compara-
			tive study
84	Transport—track	62	Variation, natural
	<i>To be divided as the</i>		selection
	Business Division	65	Hybridisation
	4 of X Economics		<i>(cultural)</i>

OTHER SOCIAL SCIENCES

7	Conservation. Im-	5G	Eugenical
	provement	5Q	Religious
75	Ecological methods	5T	Educational
76	Phylogenetic	5U	Congregational
	methods	5X	Occupational
77	Ontogenetic	5Y	Family system
	methods	5Z	Legislative
	<i>For Problem Division 2</i>	6	Treatment
	<i>Same as the</i>	61	Detection, police
	Organ Divisions	62	Prison
	<i>of L Medicine</i>	63	Banishment
	<i>For Problem Division 4</i>	64	Extermination
	<i>(May also called</i>	65	Asylum, correction
	Handling or H	66	Work house
	<i>Characteristic)</i>	67	Relief work
1	Nomenclature, etc.	68	Charity
2	Etiology	69	Other methods
3	Diagnosis	691	Corporeal punish-
4	Experimentation		ment
5	Prevention		
	<i>Subdivisions by the</i>		<i>For Problem Division 5</i>
	Subject Device		<i>same as for Problem Division 4</i>
	<i>(Illustrative)</i>		<i>with suitable modifications</i>
			<i>in Terminology</i>

Z LAW

Z [C] : [L] : [P]

Z1 A : [L] : [P]

Z1 B : [L] : [P]

Z1 C : [L] : [P]

Z1 D : [L] : [P]

<i>Divisions based on the train of</i>	153	Pope
Community or C	155	Aliens
<i>Characteristic</i>	1556	Domiciled aliens
(To be got by Geographical	156	Nationals
Device and by Subject Device)	1591	Diplomatic agents
<i>Divisions based on the train of</i>		
Law or L	16	Abnormals
<i>Characteristic</i>	163	Insane
1 Legal person	164	Sick and infirm
11 Divisions arising	165	Criminals
from age and sex	166	Insolvents, bank-
111 Minor		rupts
1133 Guardian		
115 Woman	17	State
12 Family	171	Sovereign state
121 Husband and wife;	1712	Federal state
marriage	1717	Colony
1214 Concubinage	1718	Mandatory
122 Parents and children	172	Tribal
1224 Children of mixed	173	Neutral
marriages	1734	Armed neutral
1225 Adopted children	175	Belligerent. Foreign
138 Illiterate	18	Corporations
1492 Slave	186	Charities
15 Divisions arising	19	Other legal per-
from birth or		sonalities
status	191	Idol
151 Royalty	192	Mutt, M o s q u e,
152 Aristocracy		Church

LAW

2	Property	33	Partnership
21	Immovables. Terri-	34	Bailment
	tory	35	Sale
211	Land	36	Debtor and creditor
215	Seas	37	Extradition
2153	Marginal seas	396	Quasi-contracts
2157	Rivers	4	Torts
2158	Harbours	41	Against person
218	Air		<i>(To be subdivided as 51 Crime against person)</i>
24	Treasure trove		
25	Servitudes	42	Against property
251	Support		<i>(To be subdivided as 52 Crime against property)</i>
253	Produce		
254	Right of way		
255	Water	43	Against obligations
256	Fishery	44	Negligence
258	Air and light	45	Nuisance
2591	Prospective	47	Against reputation.
26	Movables		Defamation
265	Ships	494	Custody of dangerous animals and things
267	Immaterial		
2671	Goodwill	496	Quasi-torts
2673	Design ; patent		
2674	Copyright	5	Crime
2675	Trade mark	51	Against person
2677	Document	511	Homicide
27	Licence	5111	Suicide
28	Exterritoriality	5112	Murder
281	Diplomatic offices	5113	Man-slaughter
2811	Residences of diplomatic agents	512	Hurt, etc.
		5121	Hurt
282	Pope's residence	5122	Assault
284	Army quarters	5123	Battery
293	Neutral property	5124	False imprisonment
3	Contracts. Treaties	5125	Kidnapping, abduction
31	Master and servant		
32	Agency	51262	Slavery
325	Auctioneers	51263	Forced labour

LAW

5141	Intimidation	5W	Against state
5142	Annoyance	5W1	Against king
515	Against women	5W2	Against ministers
5151	Rape	3W3	Against members of legislature
5152	Offending modesty		
5153	Procuring abortion	5W4	Waging war against state
517	Against marital status	5W5	Adhering to enemies of the state
52	Against property		
5211	Arson	5W6	Betrayal of state secrets
5212	Mischief		
5215	Extortion	5W7	Promoting class hatred
5221	Dacoity		
5222	Robbery	5W8	Against public servants
5223	Theft		
5224	Receiving stolen property	5W84	Against army, etc.
5231	Cheating	5Xe	Relating to weights and measures
5232	Misappropriation		
5238	Breach of trust	5X61	Relating to coin and government stamps
524	Trespass		
5242	House-breaking	5Z	Against public justice
527	Against immaterial property	5Z7	Against regulative laws
5275	Against trade mark		
5277	Forgery		
52774	Using forged document	6	Conflict of laws (All the divisions of Z based on the trains of L and P Characteristics are applicable to 6)
53	Breach of contract		
54	Negligence and rashness	7	Regulative laws To be subdivided by Subject Device To be used for cross reference only
55	Public nuisance		
57	Against reputation		
58	Against public peace		
581	Unlawful assembly		
682	Rioting	8	Administration and procedure
583	Affray		
5Q	Against religion	801	Civil procedure

LAW

305	Criminal procedure	8871	Master
81	Arbitration	8872	Clerk of the crown
82	Forum, jurisdiction	888	Executive
83	Stamp, court-fees	8883	Sheriff and bailiffs
84	Bar of suit	891	Contempt of court
842	Res judicata, autre-fois acquit	91	Jurisprudence
		916	Legal maxims
843	Extinction	92	Sources
844	Withdrawal	921	Sacred
846	Limitation	922	Custom
85	Filing	923	Convention
853	Pleading	924	Equity
		925	Case-law
86	Trial	926	Fiction in law
861	Institution	928	Enactment
862	Enquiry		
8624	Cross-examination	93	Interpretation
863	Appeal, review, revision	94	Evidence
		95	Remedies and sanctions
87	Judgment and decree		
871	Compromise, award	9511	Death
876	Contested	9512	Penal servitude, transportation
877	Ex parte		
878	Execution	9513	Imprisonment
		9514	Whipping
88	Administrative machinery	9521	Confiscation
		9522	Fine
881	Court	9531	Preventive detention
8811	Institution court	9532	Recognizances
8813	Appeal court	9533	Police inspection
88196	Quasi-court	9534	Probation
882	Bench, etc.	9541	Borstal treatment
8821	Judge, magistrate	9542	Detention in inebriate retreat
8825	Jury		
8826	Assessors	9591	Restitution
883	Bar	9592	Damages
8831	Advocate	9593	Administration of estates
8835	Attorney, solicitor		

LAW

9594	Injunction	2	Possession
9595	Specific performance	3	Landlord and Tenant
9596	Control of documents	4	Transfer
		41	Will. Cession
9597	Declaratory order	42	Gift
9598	Writs	43	Exchange
95981	Mandamus	44	Conquest
95982	Certiorari	45	Acquisition by State
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COLON CLASSIFICATION

BY

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PART III

INDEX TO THE SCHEDULES



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HOW TO USE THE INDEX

The index consists of two sections. The first section constitutes an alphabetic index to the fundamental constituent terms in the Schedules of Classification contained in Part II but not to the derived composite terms (*vide Prolegomena to library classification*. Pp. 135-139). The second section indexes in one alphabetic sequence the title entries and the author entries of all the works, whose Class Numbers have been worked out by the Classic Device and given in the illustrative schedules of Part II.

In the second section, the Class Number is given against each entry and there is nothing novel in it.

But the numbers given against the entries of the first section require some explanation. The number in antique type gives the Main Class or the Canonical Division of the Main Class to which the 'term' in the entry belongs. The capital letter in ordinary type, which follows the number in antique type, gives the 'train of characteristics of classification' to which the 'term' belongs. The number that follows the capital letter in ordinary type gives the number of the 'term' among the divisions based on the specified characteristic of classification, in the specified Main Class or Canonical Division of the Main Class, as the case may be.

If the number against an entry begins with 'G.D.', it means that the term in the entry belongs to the Schedule of Geographical Divisions.

If it begins with 'L.D.', it means that the term belongs to the Schedule of Language Divisions.

There are 14 fundamental types of entries. An example of each such type is given here, along with its interpretation. There may be combinations of such fundamental types whose interpretation will be obvious.

I Type: Abscess L,P,475

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This means that the term 'Abscess' occurs as division 475 among the divisions based on the 'P' or Problem train of characteristics in the Schedule for the Main Class 'L' i.e. 'Medicine'.

II Type: Allegiance V,P, 2591 ; W,P,591

This means that the term 'Allegiance' occurs in two classes viz. 'V' i.e. 'History' and 'W' i.e. 'Political Science'. In the former it occurs as division 2591 among the divisions based on the 'P' or Problem train of characteristics and in the latter as division 591 among the divisions based on the 'P' or Problem train of characteristics.

Cases, in which three or more groups of figures separated by semi-colons occur, are to be interpreted similarly.

III Type: Financing X,E,56,6

This means that the term 'Financing' occurs twice, viz. as divisions 56 and 6 among the divisions based on the 'E' or Economic train of characteristics of the Main Class 'X' i.e. 'Economics'.

IV Type: Transport X,B,E,4

This means that the term 'Transport' occurs twice in the schedule of the Main Class 'X' i.e. 'Economics' as division 4 among the divisions based on the 'B' or Business train of characteristics and among the divisions based on the 'E' or 'Economic' train of characteristics.

V Type: Abdomen K,L,O,14.

This means that the term 'Abdomen' occurs twice viz. as division 14 among the divisions based on the 'O' or Organ train of characteristics of the Subject Divisions 'K Zoology' and 'L Medicine'.

VI Type: Air-transport D,W,X,B,43

This means that the term 'Air-transport' occurs twice viz. as division 43 among the divisions based on the 'W' or Work train of characteristics of the Main Class 'D' i.e. 'Engineering' and as division 43 among the divisions based on the 'B' or Business train of characteristics of the Main Class 'X' i.e. 'Economics'.

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VII Type. Abortion **L**, O-55,P,34

This means that the term 'Abortion' occurs as division 34 among the divisions based on the 'P' or Problem train of characteristics of the 'O' or Organ Division '55' of the Main Class 'L Medicine'.

VIII Type: Aberdeen G.D. 56384

This means that the term 'Aberdeen' occurs as division 56384 among the Geographical Divisions.

IX Type: Afghan L.D. 165

This means that the term 'Afghan' occurs as division 165 among the Language Divisions.

X Type: Acromegaly L66:472

This means that the term 'Acromegaly' has the Class Number L66:472.

XI Type: Agriculture **J**

This means that the term 'Agriculture' occurs as division 'J' in the Schedule of Main Classes.

XII Type: Abelian functions **B392M26**

This means that the term 'Abelian functions' has the Canonical Division number **B392M26**.

XIII Type: Acts q

This means that the term 'Acts' occurs as division q among the Schedule of Common Subdivisions.

XIV Type: Absence b , 53

This means that the term 'Absence' occurs as the subdivision 53 of the division b in the Schedule of Common Subdivisions.

The following example illustrates how a combination of the fundamental types is to be interpreted:—

Administration 2,P,4; T,P,431; V,W,P,28; Z, L,8,9593.

This means that the term 'Administration' occurs as 'Problem Division 4' in the Generalia Class '2 Library Science'; as

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'Problem Division 431' of the Main Class 'T Education'; as the 'Problem Division 28' of the Main Classes 'V History' and 'W Political Science'; as 'Law Divisions 8 and 9593' of the Main Class 'Z Law'.

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SECOND SECTION

- Vivaraṇopanyāsa* by Rāmānanda Sarasvatī R66:5x1115
Vivecana by Ānandagiri R66:6x11
Vivekacūḍmaṇi by Śaṅkara R66xD68:1
Vivṛti by Jayanārāyaṇa Tarkapañcānana R621x1M50
Vivṛti by Rājānaka Tilaka O15:9x43
Vivṛti by Rāmacaraṇa Tarkavāgīśa O15:9xH352
Vopadeva Mughdhabodha P15:CxF60
Vrajanātha Bhaṭṭa Marīcīkā R6893:5x18
Vrātyaprayaścitta mirṇaya by Nāgeśa bhaṭṭa Q2:4195xJ50
Vṛtti by Kātyāyana or Vararuci P15:Cx11
Vṛttivārttika by Appaya Dīkṣita O15:9xJ53:3
Vyākaraṇa-dīpikā by Orambhaṭṭa P15:Cx1M40
Vyākaraṇamitākṣara by Annambhaṭṭa P15:Cx1K10
Vyākhyāsudhā by Bhānuji Dīkṣita P15:C4x15
Vyaktiviveka by Mahimabhaṭṭa O15:9xE51
Vyaktiviveka vyākhyā O15:9xE511
Vyāsa Bhāṣya or *Vogasūtra* R635x11
Vyāsa Vyāsaśikṣā P15:25A1x1
Vyāsa (Sadānanda) See Sadānanda Vyāsa
Vyāsa-tātparya-nirṇaya by Ayyaṇṇādīkṣita R66xM00
Vyāsatīrtha Bhedojjīvana R68xI67:2
Vyāsatīrtha Nyāyāmṛta R68xI67:1
Vyāsatīrtha Tarkatāṇḍava R68xI67:3
Vyāsatīrtha Tātparya-candrikā R68:5x111
Vyutpattivāda by Gadādhara Bhaṭṭācārya R625024013x4
Vyutpattivādavyākhyā by Baccaśarma R625024013x42
Vyutpattivādavyākhyā by Kṛṣṇa Bhaṭṭa R625024013x41
Vyutpattivādavyākhyā by Sudarśanācārya R625024013x43

Y

- Yādavaprakāśa Vaijayanti* P15:C4x2
Yādavācārya Nyāyamañjarīsūtra R625xJ502
Yadupadācārya Yadupadīya R68:5x214
Yadupadīya by Yadupadācārya R68:5x214
Yājñavalkya Q2:4x2
Yakṣavarma Cīntāmaṇi P15:Cx43
Yāmuna Gītārtha saṅgraha R67:6x1
Yāmuna Siddhitraya R672x1

SECOND SECTION

Yāska Nirukta P15:10A28:3x1

Yaśodānandan Sarkār Pradīpa LAx3M90

Yatīndramataadīpikā by Śrīnivāsa R67xK80:9

Yogācārabhūmiśāstra by Maitreyaṇātha R6946x1:2

Yogānandanātha Āyurveda sūtra LAx8

Yogarāja R663x3:31

Yoga-sārasaṅgraha by Vijñāna Bhikṣu R635x3

Yoga-siddhānta-candrikā by Nārāyaṇa Tīrtha R635x1M20

Yoga-sudhākara by Sadāśivendra Sarasvatī R635x1L50

Yoga-sūtras by Patañjali R635x1

Yoga-sūtra-vṛtti by Sadāśivendra Sarasvatī R635x1L50

Yogāvacāra Manual Δ41:3x1

Yoga-vārttika by Vijñāna Bhikṣu R635x12

Yogāvataropadeśa by Dharmendra Δ42:3x2

Yogīndradeva Paramātmaprakāśa Δ3xD50

Yogopaniṣads Δ2x4

Yuktidīpikā R631x28

Yuktikalpataru by Bhoja MxE55

Yuktiśaṣṭikā by Nāgārjuna R6947x1:2

Yuktisneha-prapūraṇi by Rāmakṛṣṇa Miśra R641x71

Z

Zad sparam Q8451x2

Zohar Δ5:8x1

COLON CLASSIFICATION

BY

S. R. RANGANATHAN, M.A., L.T., F.L.A.

Librarian, Madras University Library

Secretary, Madras Library Association

PART IV

Examples of Call Numbers



MADRAS

THE MADRAS LIBRARY ASSOCIATION

LONDON, EDWARD GOLDSTON, LTD.

1939

FIRST EDITION 1933
SECOND EDITION (*Revised*) 1939

251gN33
G9.4

Printed by
Thompson & Co., Ltd.,
Madras.

Interpretation of Call Numbers

SOME EXAMPLES

- (1) D66:2 G7 COTTON (H.). Transmission and distribution of electrical energy.
- D66:2 is *class number* where
- D = Engineering;
- D6 = Mechanical engineering;
- D66 = Electrical engineering; and
- D66:2 = Transmission (in electrical engineering).
- G7 is *book number* where
- G = 193—; and
- G7 = 1937.

Thus

- D66:2 G7 = An English book on transmission (in electrical engineering) published in 1937.
- (2) O:2J64:9 G52 SPRAGUE (Arthur Colby). Shakespeare and the audience; a study in the technic of exposition.
- C:2J64.9 is *class number* where
- O = Literature;
- O: = English literature;
- O:2 = English drama;
- O:2J64 = Shakespeare *i.e.* the English dramatist born in 1564 (J=15; J6=156— and J64=1564); and

CALL NUMBER

C:2J64:9	= Criticism of Shakespeare.
G52	is <i>book number</i> where
G	= 193—;
G5	= 1935; and
G52	= Third of the books (in the ultimate class in question) published in 1935.

Thus

O:2J64:9 G52	= The third English book (in the library) on Shakespearean criticism published in 1935.
(3) Q6:22 C9.7	COOK (F. C.). <i>Ed.</i> Holy Bible according to the authorised version. A.D. 1611 with an explanatory and critical commentary etc., V. 7.

Q6:22	is <i>class number</i> where
Q	= Religion;
Q6	= Christianity;
Q6:2	= Sacred books of Christianity; and
Q6:22	= Holy Bible. (Old Testament).
C9.7	is <i>book number</i> where
C	= 189—;
C9	= 1899; and
C9.7	= Seventh volume of a book published in 1899.

Thus

Q6:22 C9.7	= Seventh volume of the English edition of the Holy Bible (Old Testament) published in 1899.
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CALL NUMBER

- (4) Q127:22 15G7.1 CHINNASWAMI SASTRI (A.),
etc. Eds. Catapatha
 Brahmana of the white
 Yajurveda in the Madh-
 yandina rescension.
 Pt. 1.

Q127:22	is <i>class number</i> where
Q	= Religion;
Q1	= Vedic religion;
Q12	= Yajurvedic school;
Q127	= Madhyandina school;
Q127:2	= Sacred books of the Madh- yandina school of Vedic religion; and
Q127:22	= The Brahmana of the Madhyandina school, <i>i.e.</i> Catapatha Brah- mana.

15G7.1	is <i>book number</i> where
1	= Indo-European; and
15	= Sanskrit

And

G	= 193—;
G7	= 1937; and
G7.1	= First volume of a book published in 1937.

Thus

Q127:22 15G7.1	= The first volume of a Sanskrit edition pub- lished in 1937 of the (Catapatha) Brahmana of the Madhyandina school of Vedic religion.
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CALL NUMBER

(5) S:50T G7 PHILLIPS (Margaret). Education of the emotions through sentiment development.

S:50T is *call number* where

S = Psychology ;

S:5 = Emotions ;

S:50 = Emotions from the point of view of; and

S:50T = Emotions from the point of educationists.

G7 is *book number* where

G = 193—; and

G7 = 1937.

Thus

S:50T G7 = An English book of 1937 on emotions expounded from the point view of educationists.

(6) SM95:5 G7 KLEIN (Melanie). Love, hate and reparation.

SM95:5 is *class number* where

S = Psychology ;

SM95 = Psycho-analytic school of psychology *i.e.* A school of psychology originated in 1895 (M=18— ; M9=189—; and M95=1895); and

SM95:5 = Emotions according to the psycho-analytic school.

G7 is *book number* where.

CALL NUMBER

G = 193—; and

G7 = 1937.

Thus

SM95:5 G7 = An English book published in 1937 and expounding the psychology of emotions according to the psycho-analytic school.

(7) V2:28/N23 F8 GREAT BRITAIN. ROYAL COMMISSION ON THE SUPERIOR CIVIL SERVICES IN INDIA. 1923. Report.

V2:28tN23 is *class number* where

V = History;

V2 = Indian history;

V2:2 = Constitutional history of India;

V2:28 = Administrative machinery in India;

V2:28t = Commission on administrative machinery of India; and

V2:28tN23 = Report of the Commission on administrative machinery of India appointed in 1923 (N=19—; N2=192—; and N23=1923).

F8 is *book number* where

F = 192—; and

F8 = 1928.

CALL NUMBER

Thus

V2:28tN23 F8 = Report (in English language and published in 1928) of the commission on the administrative machinery of India appointed in 1923.

(S) V3:28tN17 E8 GREAT BRITAIN. MACHINERY OF GOVERNMENT COMMITTEE. 1917. Report.

V3:28tN17 is *class number* where

V = History;

V3 = British history;

V3:2 = Constitutional history of Great Britain;

V3:28 = Administrative machinery of Great Britain;

V3:28t = Committee on the administrative machinery of Great Britain; and

V3:28tN17 = Report of the Committee on the administrative machinery of Great Britain, appointed in 1917 (N=19—; N1=191—; and N17=1917).

E8 is *book number* where

E = 191—; and

E8 = 1918.

Thus

V3:28tN17 E8 = Report (in English language and published in 1918) of the committee on the administrative machinery of Great Britain appointed in 1917.

CALL NUMBER

(9) Δ :864v467:A THERENS: (A. E.). Astro-
 G5 logy in Mesopotamian
 culture: an essay.

Δ :864v467:A is *class number* where
 Δ = Mysticism;
 Δ :8 = Occultism;
 Δ :86 = Prophecy;
 Δ :864 = Astrology;
 Δ :864v = History of astrology;
 Δ :864v4 = History of astrology in
 Asia;
 Δ :864v46 = History of astrology in
 Arabian Peninsula etc.
 Δ :864v467 = History of astrology in
 Mesopotamia; and
 Δ :864v467:A = History of astrology in
 Mesopotamia before
 2000 B.C.

And

G5 is *book number* where
G = 193—; and
G5 = 1935.

Thus

Δ :864v467:A = An English book pub-
 G5 lished in 1935 on the
 history of astrology in
 Mesopotamia before
 2000 B.C.

Examples of Call Numbers

1 to 9 Generalia

The following are the chief divisions under which the books in the Generalia class are grouped:—

1	Bibliography
12	Bibliography of manuscripts
12:315	Sanskrit manuscripts
12:3164	Persian manuscripts
12:331	Tamil manuscripts
12:335	Telugu manuscripts
14	Bibliography of printed books
2	Library science
251	Classification
255	Cataloguing
2623	Library rules
27	Reference work
3	Cyclopaedias
4	Societies
5	Periodicals
5a	Lists of periodicals
502	Indiana periodicals
52	Indian periodicals
520	In Indian languages
52031	In Tamil
52:	In English
55	European periodicals
61	Conferences

64	Museums
7	Biographies
8	Directories
9	General works
98	Collections of theses

1 Bibliography

12 Bibliography of Manuscripts

12:315 Sanskrit Manuscripts

SAHA (Amritlal Maganlal). *Ed.* Prasasti sangraha.

12:315 15G7

JOLLY (Julius). *Comp.* Die Sanskrit-handchriften,
No. 287—413 der K-Hof-und Staatsbibliothek in
Munchen.

12:315:J58 113E2

BRITISH MUSEUM. Catalogue of the Sanskrit mss. comp.
by Cecil Bendall.

12:315:L57 D2

MAHARAJA'S PALACE LIBRARY. *Trivandrum*. A descrip-
tive catalogue of the Sanskrit mss., ed. by
K. Sambasiva Sastri. 2 V.

12:315:L70 G7.1—G7.2

GOVERNMENT ORIENTAL MANUSCRIPTS LIBRARY. *Madras*.
Guide to the manuscript collections.

12:315:M47g G8

AUTRECHT (Theodor). *Comp.* Florentine Sanskrit manus-
cripts.

12:315:M9 C2

CURATOR'S OFFICE LIBRARY. *Trivandrum*. A descriptive
cat. of Sanskrit mss., ed. by K. Sambasiva Sastri.
V. 1.

12:315:N12 G7.1

12:3164:M80 MANUSCRIPTS—OTHER LANGUAGES

12:3164 Persian Manuscripts

LIBRARY OF THE INDIA OFFICE. Catalogue of Persian mss.
[comp.] by Hermann Ethe. V. 2.

12:3164:M80 D3.2

12:328 Arabic Manuscripts

ORIENTAL PUBLIC LIBRARY. *Bankipore*. Catalogue of
Arabic and Persian manuscripts. V. 22.

12:328:L91 F0.13

12:331 Tamil Manuscripts

GOVERNMENT ORIENTAL MANUSCRIPTS LIBRARY. *Madras*.
Alphabetical index of Tamil mss., etc.

12:331:M47k G2

——— ——— Triennial catalogue of manuscripts,
Pt. 2. Tamil. V. 5. 1922|23 to 1924|25.

12:331:M47 G6

12:333 Kanarese Manuscripts

GOVERNMENT ORIENTAL MANUSCRIPTS LIBRARY. *Madras*.
A descriptive catalogue of the Kanarese mss. by
S. Kuppaswami Sastri. V. 1.

12:333:M47 G4.1

12:335 Telugu Manuscripts

GOVERNMENT ORIENTAL MANUSCRIPTS LIBRARY. *Madras*.
Alphabetical index of Telugu mss., etc.

12:335:M47k G2

——— ——— Descriptive catalogue of the Telugu
mss. by M. Rangacharya and S. Kuppaswami
Sastri. V. 3—5.

12:335:M47 E5.4—E5.6

——— ——— Triennial catalogue of manuscripts,
Pt. 3. Telugu. V. 4. 1921|22—

12:335:M47 G4

INDIA OFFICE LIBRARY. Catalogue of mss. in European languages. V. 2. Pt. 2. Minor collections and miscellaneous mss. [*comp.*] by George Rusby Kaye and Edward Hamilton Johnston.

12:43:M80 E6.4

WOLF (Edwin) II. *Comp.* Descriptive catalogue of the John Frederick Lewis collection of European mss. in the Free Library of Philadelphia, etc.

12:473:M91 G7

14 Bibliography of Printed Books

EMENEAU (M. B.). *Comp.* Union list of printed Indic texts and translations in American libraries.

14:315:73 G5

LIBRARY OF THE INDIA OFFICE. Catalogue. V. 2. Pt. 6. Persian books by A. J. Arberry.

14:3164:M80 G7

BRITISH MUSEUM LIBRARY. Subject index to the modern works added to the library. 1931—1935. 2 V.

14:43:L57 G7.1—G7.2

SEVERANCE (Henry O.). Survey of the resources of the University of Missouri library for research work.

14:473:M99g G7

SCHMECKEBIER (Laurence F.). Government publications and their use.

14:573 G6

KELLY (Clara J.). *Comp.* Publications of the University of Washington faculty. Nov. 4, 1816—Mar. 31, 1936.

14:573:M61 G7

2 Library Science

LIBRARY literature: an author and subject index-digest to current books, pamphlets and periodical literature relating to library profession. 1936—

2am73:N34

- REECE (Ernest J.). The curriculum in library schools.
2b3 G6
- LIBRARY ASSOCIATION. *London*. Yearbook. 1938—
273:M77n
- INDIAN LIBRARY ASSOCIATION. Directory of Indian
libraries. 1938. 2n2:N38
- LIBRARY ASSOCIATION OF CHINA. Libraries in China :
papers prepared on the occasion of the tenth
anniversary of the Library Association of China.
2u41:N3 G5
- BURTON (Margaret). Famous libraries of the world :
their history, collections and administrations, etc.
2v1:N3 G7
- WILSON (Louis R.). *Ed.* Library trends: papers pre-
sented before the library institute at the University
of Chicago, Aug. 3—15, 1936. 2z7 G7
- BROWN (James Duff). Manual of library economy, ed.
by W. C. Berwick Sayers. 2 G7
- DAVIES (W. Ll.). The National library of Wales: a sur-
vey of its history, its contents, and its activities.
2:1h32:N09vN3 G7
- ANDERSON (Ellen L.). *Comp.* Housing and equipment
of school libraries. 21:31a G7
- WELLARD (James Howard). Book selection: its principles
and practice, etc. 241 G7

251 Classification

- LIBRARY OF CONGRESS. Classification. Class S. Agricul-
ture, plant and animal industry, fish culture and
fisheries, hunting sports. 251qN04J F8
- ——— Class P. Subclass PQ. Pt. 1. French
literature. 251qN04O122 G6

LIBRARY OF CONGRESS. Classification. Class P-PA.

Philology, linguistic, classical philology, classical literature. PB-PH. Philology, modern European languages. PJ-PM. Languages and literature of Asia, Africa, Oceania, America; mixed languages, artificial languages. Index to languages and dialects in the volumes P-PA, PB-PH, and PJ-PM.

251qN04P F8.1—F8.4

————— Class B. Pt. 2. BL-BX. Religion.

251qN04Q F7

————— Class L. Education.

251qN04T F9

————— Class G. Geography, anthropology, folklore, manners and customs, sports and games.

251qN04U F8

————— Class D. Universal and old world history. D 501—725. European war.

251qN04V E6—1

DABAGH (Thomas S.). The mnemonic classification for law libraries.

251qN36Z G6

PHILLIPS (W. Howard). Primer of book classification.

251 G8

255 Cataloguing

BISHOP (William Warner). Practical handbook of modern library cataloguing.

255 F7

SHARP (Henry A.). Cataloguing.

255 G7

AMERICAN LIBRARY ASSOCIATION, *etc.* Catalog rules: author and title entries.

25511qN07 D8

2623 Library Rules

INDIA. IMPERIAL RECORD (—department). Rules regulating the access of the public to (i) the records of His Majesty's representative for the exercise of the

functions of the Crown in its relations with Indian States, and (ii) such records relating to British India and tribal areas as are inseparably mixed up with (i) and the records of the Government of India in the custody of the Imperial Record Department. 2623:8 G7

27 Reference Work

McCOLVIN (Lionel R.), *etc.* Library stock and assistance to readers. 27 G6

COWLEY (J. D.). The use of reference material: an introd. manual for librarianship students and assistants. 27 G7

3 Cyclopaedias

ENCYCLOPAEDIA Britannica: book of the year, *etc.* 1938. 33:L68 F9.24—1

AUGE (Claude), *etc.* *Eds.* Nouveau petit Larousse illustre dictionnaire encyclopedique. 353:M97 122G8

4 Societies

LEAGUE OF NATIONS. Handbook of international organisations, associations, bureaux, committees, *etc.* 1937. 41nN21 G8

——— INFORMATION SECTION. Intellectual co-operation. 41:N22vN3 G7

5 Periodicals

5a Lists of Periodicals

UNIVERSITY OF RANGOON. LIBRARY COMMITTEE. *Comp.* A catalogue of periodicals in the university and other libraries of Rangoon with subject index.

5a4:8438 G7

502 Indiana Periodicals

INDIAN. V. 1—4. 1934—1937. 502:3:N34

CEYLON literary register. Series 3. V. 1—4. 1931—
1935|36. 50298:298:N16

KONINKLIJK BATAVIAASCH GENOOTSCHAP VAN KUNSTEN EN
WETENSCHAPPEN. Verhandelingen. D. 73— 1937—
50436:436:L78j

ROYAL ASIATIC SOCIETY. MALAYAN BRANCH. Journal.
V. 14— 1936— 50436:436:M78

52 Indian Periodicals**520 In Indian Languages**

ORIENTAL college magazine. *Lahore*. V. 9— 1932|33—
520152:N25

———. *Lahore*. Urdu section. V. 9— 1932|33—
520168:N25

52031 In Tamil

JNANA sagaram. V. 16—17. 1932|34—1934|36.
52031:N03

VINOTHAN. V. 4—5. 1936—1937. 52031:N33

VINOTHINI. V. 4— 1936— 52035:N33

52: In English

PROGRESSIVE India. V. 1— 1935— 52:N352

ILLUSTRATED India. Nos. 7, 9—33. 1935|36. .
52:N353

INDIA. PUBLIC INFORMATION (Director of—). Informa-
tion series. V. 1— 1937— 52:N37

HINDU herald. V. 1— 1936|37— 52:N371

SIR M. Ct. Muthiah Chettiar high school magazine,
Madras. V. 2— 1937|38— 521:N37

JYOTHI. V. 1— 1937|38— 5438:N38

55 European Periodicals

ANNALES de l'universite' de Paris. A. 11—12. 1936—
1937. 553:N26

RESEARCH and progress: quarterly review of German
science. V. 1—3. 1935—1937. 555:N35

61 Conferences

ORIENTAL CONFERENCE. *India*. 2. *Calcutta*. 1922.
Proceedings and transactions. 612:N19 F3
Continued as

INDIAN ORIENTAL CONFERENCE. 5. *Lahore*. 1928. Pro-
ceedings and transactions. 2 V.
612:N19 G0.1—G0.2

64 Museums

MARKHAM (S. F.), *etc.* The museums of India.
642 G6

7 Biographies (General)

BRITT (Albert). Great biographers. 7v1:N3 G6

BHARATA. Bharatiya mahapurusharu, ed. by P. G.
Halakatti. 72:M6 33G3

DOBREE (Bonamy). *Ed.* From Anne to Victoria: essays
by various hands. 73:L9 G7

IKBAL ALI SHAH. Controlling minds of Asia.
74:M7 G7

CHURCHILL (Winston S.). Great contemporaries.
75:M5 G7

VENKATANANDAM (G.). Prapancha virulu.

75:M7 35G8

EINSTEIN (Lewis). Divided loyalties : Americans in England during the War of Independence.

773:L4 G3

8 Directories

MADRAS states and Mysore directory. V. 11— 1937—

£2102:N27

9 General Works

JACKS (L. P.). My American friends. 9xM60 G3

JINARAJADASA (C.). The heritage of our fathers: essays on Indian ideals. 9xM85 E8

KERN (Hendrik). Verspreide geschriften, onder zijn Toezicht verzameld. 17 D.

904xM33 E3.1—E3.17

98 Theses

UNIVERSITY OF WASHINGTON. Abstracts of theses and faculty bibliography. 1932|37. 9873:M61 G7

A Science (General)

A:P Scientific Terms

CHENNAI MAHANAT TAMILSANGAM. Kalaich chorkal.

A:P31k 31G8—G82

NARAYANAN (M.), *etc.* English-Malayalam sanketika nighandu.

A:P32k 32G8

B Mathematics

The following are the chief divisions under which the books in Mathematics are grouped:—

Bw	Biographies
Bx	Collected works
B	General books
B0	From special points of view
B:R1	Mathematical logic
B13	Theory of numbers
B2	Algebra
B27	Theory of groups
B28	Theory of statistics
B280J	For agriculturists
B281	Theory of probability
B285	Correlation
B3	Analysis
B31	Foundations
B335	Integral equations
B369	Divergent series
B36M22	Fourier's series
B36M39	Dirichlet's series
B37	Real variable
B38	Complex variable
B381:6	Conformal representation
B39	Special functions

B42	Calculus of variations
B43	Calculus of functions
B48	Operational calculus
B53	Spherical trigonometry
B6	Geometry
B62	Plane geometry
B63	Solid geometry
B64	Four dimensions
B69	Non-Euclidean geometries
B71:2	Dynamics
B75	Hydromechanics
B82	Attractions and potentials
B9	Astronomy
B9x	Collected works
B93	Sun
B96	Stars

Bw Biographies

SULLIVAN (J. W. N.). Isaac Newton, 1642—1727, with
a memoir of the author by Charles Singer.

BwK42 G8

BELL (E. T.). Men of mathematics.

BwM5 G7

Bx Collected Works

SRIPATI. Ganitatilaka, with the comm. of Simhatilaka
Suri, ed. by H. R. Kapadia. BxD96 15G7

BHASKARACARYA. Lilavati, ed. by Dattatreya Vishnu
Apte. BzF14 15G7.1—G7.2

GALILEI (Galileo). *Le opera*. V. 19. BxJ64 12F9.20

HUMBERT (Georges). *Oeuvres*, ed. by Pierre Humbert
et de Gaston Julia. T. 2. BxM59 122F9.2

NARASINGA RAO (A.). *Ramaswami Aiyar's notebooks*.
BxM71:9 G7

B General Books

HOGBEN (Lancelot). *Mathematics for the million: a
popular self-educator*, etc. B G7

COOLEY (Hollis R.), *etc.* *Intro. to mathematics: a survey
emphasizing mathematical ideas and their relations
to other fields of knowledge*. B G71

B0 From Special Points of View

COURANT (R.), *etc.* *Methoden der mathematischen
Physik*. 2 B. B0C 113G1.1 & 113F4.2

ALLEN (R. G. D.). *Mathematical analysis for econo-
mists*. B0X G8

B:R1 Mathematical Logic

CARNAP (Rudolf). *The logical syntax of language*, tr. by
Amethe Smeaton (Countess von Zeppelin).
B:R1 G7

LANGER (Susanne K.). *Intro. to symbolie logic*.
B:R1 G71

TARSKI (Alfred). *Einführung in die mathematische
Logik und in die Methodologie der Mathematik*.
B:R1 113G7

B13 Theory of Numbers

PSENNER (Ing. Wilhelm). *Allgemeiner Beweis des
grossen fermatischen Satzes*. B13:5K37 113G8

KAVAN (George). Factor tables giving the complete decomposition into prime factors of all numbers upto 256,000, etc. B132:1e G7

LANDAU (Edmund). Über einige neuere Fortschritte der additiven Zahlen Theorie. B135:5 113G7

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B3 Analysis

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B31 Foundations

LUSIN (Nicolas). Lecons sur les ensembles analytiques et leurs applications, avec une note de M. Sierpinski, etc. B313 122G0

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MANDELBROJT (S.). Series de Fourier et classes quasi-analytiques de fonctions, etc. B399N17 122G5

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CARATHEODORY (Constantin). Variationsrechnung und partielle Differentialgleichungen erster Ordnung. B42 113G5

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- TELLING (H. G.). The rational quartic curve in space of
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The following are the chief divisions under which the books in Physics are grouped:—

Cw	Biographies
Cx	Collected works
C2	Properties of matter
C21:5	Elasticity of solids
C216	Crystals
C285:9	Application of molecular rays
C3	Sound
C4	Heat
C47	Thermodynamics
C5	Light. Radiation
C56:3	Spectra of infra-red rays
C6	Electricity
C7	Magnetism
C8	Hypothesis about matter, energy, space and time
C82N26	Wave mechanics
C83	Hypotheses about matter.
C84N015:3	Spectra in quantum theory
C8N05	Theory of relativity

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C216 Crystals

MOREAU (Georges). Les deformations elastiques et plastiques des reseaux cristallins. C216:5 122G7

LEHMANN (O.). Flussige Kristalle sowil Plastizitat von Kristallen etc. C216:55 113D4

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ADAM (Neil Kensington). Physics and chemistry of surfaces. C25:6 G8

C285:9 Application of Molecular Rays

FRASER (R. G. J.). Molecular beams. C285:9 G7

C3 Sound

JONES (Arthur Taber). Sound. C3 G7

C4 Heat

ZEMANSKY (Mark W.). Heat and thermodynamics, etc. C4 G7

RUHEMANN (M.), *etc.* Low temperature physics. C421 G7

C47 Thermodynamics

FERMI (Enrico). Thermodynamics. C47 G8

LANDAU (L.), *etc.* Statistical physics, tr. by D. Shoenberg. C47 G81

VILLEY (Jean). Les principes des moteurs thermiques, etc. C47 122G5

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LICHTY (Lester C.). Thermodynamics: the principles of thermodynamics and their application to engineering processes. C470D G6

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PIDDUCK (F. B.). Lectures on the mathematical theory of electricity. C6 G7

HENRIOT (E.). Les couples de radiation et les moments electromagnetiques. C6:8 122G6

C7 Magnetism

FOEX (G.). Les lois experimentales du paramagnetisme. C73 122G5

BITTER (Francis). Introd. to ferromagnetism. C74 G7

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Space, and Time**

REICHINSTEIN (David). Albert Einstein: a picture of his life and his conception of the world, tr. by M. Juers and D. Sigmund. C8wM79 G4

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EDDINGTON (Arthur). Relativity theory of protons and electrons. C82N26 G61

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LANDE (Alfred). Principles of quantum mechanics.

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DUSHMAN (Saul). Elements of quantum mechanics.

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D Engineering

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D1	Buildings
D11	Wood
D16	Concrete
D18	Metals
D2	Irrigation
D4153:5	Curves in railways
D416	Bridge engineering
D6	Mechanical engineering
D64:C47	Thermodynamics of heat-engines
D646	Internal combustion engines
D6466	Diesel engines
D66	Electrical engineering
D66:2	Transmission
D666	Wireless
D666:45	Television
D666:48	Radio-telephony
D8	Sanitary engineering
D85	Water supply
D866	Sewage disposal

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D::11 Structural Mechanics

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BISHOP (Carlton Thomas). Structural design.

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MILLER (Alfred Lawrence). The solution of rigid frames of members of constant section by the theorem of joint translation.

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BREED (Charles B.), *etc.* The principles and practice of surveying. V. 2.

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——— Truth about fire hazard in timber structures. D110E2131 G71

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——— Relative economy of wood, steel and concrete structures. D11::6 G7

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——— Treated wood for walls and ceilings. D11:41 G7

——— Treated wood poles for electric distribution and service. D11:450D66:5:4 G7

——— Relative cost of treated electric poles and overhead construction in India and abroad. D11:450D66:5:4 G71

——— Treated wood for roof trusses. D11:61 G7

——— Cheaper and better gable roofing with wood shingles. D11:63 G7

——— Better and cheaper fencing. D11:995:6 G7

HENNES (Robert Graham). Analysis and control of landslides. D12::11 G6

D16 Concrete

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MANNING (G. P.). Reinforced concrete design. D16::4 G6

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ADAMS (Orville). Elements of diesel engineering, *etc.* D6466 G6

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COTTON (H.). The transmission and distribution of
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D666:45 Television

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REYNER (J. H.). Television: theory and practice. D666:45 G7

MALOFF (I. G.), *etc.* Electron optics in television, with theory and application of television cathode ray tubes. D666:45 G8

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RYAN (William J.). Water treatment and purification.

D855 G7

D866 Sewage Disposal

FOLWELL (A. Prescott). Sewerage: the designing, constructing and maintaining of sewerage systems and sewage treatment plants.

D866 G6

E Chemistry

The following are the chief divisions under which the books in Chemistry are grouped:—

E1:1	Inorganic chemistry
E1:5	Organic chemistry
E2	Physical chemistry
E2136	Ionisation
E22	Solutions
E235	Colloids
E3	Analytical chemistry
E4	Synthetic chemistry
E7	Biochemistry
E7:6	Biochemistry of carbohydrates.
E7:9	Biochemistry of biosubstances
E7:982	Biochemistry of enzymes

- PILCHER** (Richard B.). Profession of chemistry. Eb:3:N3 G8
- CHEMIST'S** yearbook. 1923; 1938— En3:N15
- MIALL** (Stephen), *etc.* Chemistry, matter and life. E G7

E1:1 Inorganic Chemistry

- SITARAMAN** (M. L.). Practical chemistry. E1:1y8 G8
- MELLOR** (J. W.). A comprehensive treatise on inorganic and theoretical chemistry. V. 16. E1:1 F2.16

E1:5 Organic Chemistry

- HEILBRON (I. M.), *etc.* *Eds.* Dictionary of organic compounds: the constitution and physical and chemical properties of the principal carbon compounds and their derivatives, together with the relevant literature references. 3 V. E1:5k G4.1—G4.3
- HOLLEMAN (A. F.). Textbook of organic chemistry. E1:5 F5
- COHEN (Julius B.). Organic chemistry for advanced students. Pt. 3. Synthesis. E1:5 F81.3
- HICKINBOTTOM (Wilfred John). Reactions of organic compounds. E1:5 G6
- KARRER (Paul). Lehrbuch der organischen Chemie. E1:5 113G7
- FIESER (L. F.). A supplement to the chemistry of natural products related to phenanthrene, being a reprint of the appendix of recent literature, to the publication date, January 1, 1937, and rev. indexes with page ref. to the first edn. E1:713 G7

E2 Physical Chemistry

- PHYSICO-CHEMICAL SOCIETY OF JAPAN. Review of physical chemistry of Japan with complete abstracts of the physico-chemical literature. V. 11— 1937— E2m42:N27
- STEWART (Alfred W.). Some physico-chemical themes. E2 F21
- LEWIS (William C. McC.). System of physical chemistry. 2 V. E2 F52.1—F52.2
- GLASSTONE (Samuel). Recent advances in physical chemistry. E2 G1
- WATERS (William A.). Physical aspects of organic chemistry, *etc.* E2 G7

E2136 Ionisation

GURNEY (R. W.). Ions in solution. E2136 G6

KORDATZKI (W.). Taschenbuch der praktischen pH-Messung für wissenschaftliche laboratorien und technische Betriebe. E2136 113G5

JORGENSEN (Holger), *etc.* Die Bestimmungen der Wasserstoffionen-konzentration (pH) und deren Bedeutung für Technik und Landwirtschaft.

E2136 113G51

E22 Solutions

RAKSHIT (Jitendra Nath). Association theory of solution and inadequacy of dissociation theory.

E22 G0

GIBSON (R. E.). Nature of solutions and their behavior under high pressures, *etc.* E2201 G8

E235 Colloids

SAUER (E.). Kolloidchemisches Praktikum.

E235y8 113G5

STILLWELL (Charles W.). Crystal chemistry.

E28 G8

E3 Analytical Chemistry

MORTON (R. Alan). Two lectures on practical aspects of absorption spectrophotometry. E305z7 G8

BRENNECKE (E.), *etc.* Neuere massanalytische Methoden. E33 113G7

PARISELLE (H.). Polarimetrie et chimie. E3305 122G6

SNELL (Foster Dee), *etc.* Colorimetric methods of analysis, including some turbidimetric and nephelometric methods. V. 1. Inorganic. E3405:1 G6

SNELL (Foster Dee), *etc.* Colorimetric methods of analysis including some turbidimetric and nephelometric methods. V. 2. Organic and biological.

E3405:5 G7

KOLTHOFF (I. M.), *etc.* Textbook of quantitative inorganic analysis.

E34:1 G7

EMICH (Friedrich). Microchemical laboratory manual, with a section on spot analysis, by Fritz Feigl, tr. by Frank Schneider.

E39y8 G2

E4 Synthetic Chemistry

BLANCHARD (Arthur A.), *etc.* Synthetic inorganic chemistry.

E4:1 G6

E7 Biochemistry

HOPKINS (Frederick Gowland). *Ded.* Perspectives in biochemistry: thirty-one essays presented by his past and present members of his laboratory, ed. by Joseph Needham and David E. Green.

E7jM26 G7

BERTHO (A.), *etc.* Biochemisches Praktikum.

E7y8 113G6

WILLIAMS (Roger J.). An introd. to biochemistry.

E7 G13

BALDWIN (Ernest). An introd. to comparative biochemistry, *etc.*

E7 G7

HOLMES (Eric). The metabolism of living tissues.

E7 G71

BOMER (A.), *etc.* *Bearbt.* Allgemeine untersuchungsmethoden. 2 T.

E7 113G3.2—G3.3

LEHNARTZ (E.). Einführung in die chemische Physiologie.

E7 113G7

E7:6 Biochemistry of Carbohydrates

OHLE (Heinz). Die Chemie der Monosaccharide und der Glykolyse. E7:681 113G1

NORMAN (A. G.). The biochemistry of cellulose, the polyuronides lignin, etc. E7:6894 G7

E7:9 Biochemistry of Biosubstances

LETTRE (H.), *etc.* Über Sterine, Gallensäuren und Verwandt-naturstoffe Herzgifte, Hormone, Saponine und Vitamin D, etc. E7:93K 113G6

BULL (Henry B.). The biochemistry of the lipids. E7:96 G7

E7:982 Biochemistry of Enzymes, etc.

FERMENT Forschung. B. 15— 1936|38— E7:982m55:N14

NORD (F. F.), *etc.* Hrsg. Ergebnisse der Enzymforschung. Bd. 7. E7:982 G2.7

TAUBER (Henry). Enzyme chemistry. E7:982 G7

MELDRUM (Norman U.). Cellular respiration. E7:9821 G4

WENT (F. W.), *etc.* Phytohormones. E7:986J G7

ZECHMEISTER (L.), *etc.* Die chromatographische Adsorptions-methode: Grundlagen, Methodik, Anwendungen. E7232 113G7

F Technology

- SHERWOOD (Thomas K.). Absorption and extraction.
F:97 G7
- HOUWINK (R.). Elasticity, plasticity and structure of
matter, tr. by Mrs. H. E. Teves-Aely, with a chap.
on the plasticity of crystals by W. G. Burgers.
F:C2:5 G7
- NASH (Alfred W.), *etc.* Principles of motor fuel prepa-
ration and application. V. 1. F5552 G3.1
- MITCHELL (C. Ainsworth). Vinegar: its manufacture
and examination. F5964 F6
- MENON (A. K.). Manufacture of soap in India.
F9496 G8
- PACIFIC NORTHWEST CHEMURGIC CONFERENCE. 1. *Washing-*
ton. 1937. Report. FJp735:N37 G7
- DOUMANI (Thomas). *Comp.* Wood chemical industries
of Washington *etc.* FJA G7
-

G Natural Science (General) and Biology

The following are the chief divisions under which the books in this subject are grouped:—

G:33C5	Mitogenetic radiation
G:5	General ecology
G:5:1951	Fresh-water life

TOKYO BUNRIKA DAIGAKU. Science reports. Section C.
V. 1— 1932|37— Gm42:N37

GUNTHER (R. T.). Early science in oxford. V. 3.
Pt. 1. Biological sciences. 2 Biological collections. Gv3:M9 F5

JEFFERIES (Richard). Out-of-doors with Richard Jefferies: an anthology. Gy7 G5

LEE (Bolles). Microtomist's vade-mecum: a handbook of the methods of animal and plant microscopic anatomy, ed. by J. Bronte Gatenby and Theophilus S. Painter. G:19 G7

GATENBY (J. Bronte). Biological laboratory technique: an introd. to research in embryology, cytology and histology. G:19 G71

G:33C5 Mitogenetic Radiation

HOLLAENDER (Alexander), *etc.* An experimental study of the problem of mitogenetic radiation. G:33C5y8 G7

GURWITSCH (Alexander), *etc.* Die mitogenetische Strahlung zugleich zweiter Band der, "Probleme der Zellteilung". G:33C5 113G2

G:5 General Ecology

ECOLOGICAL SOCIETY OF AMERICA. Ecology, etc. V. 9.
1928. G:5m73:N151

G:5:1951 Fresh-Water Life

NEEDHAM (James G.), *etc.* Life of inland waters.
G:5:1951 G0

——— Guide to the study of fresh-water biology, with
sp. ref. to aquatic insects and other invertebrate
animals and phyto-plancton. G:5:1951 G8

LENZ (Friedrich). Einführung in die Biologie der
Susswasserseen. G:5:1951 113F8

BLAKESLEE (Albert F.) and AVERY (Amos G.). Methods
of inducing doubling of chromosomes in plants.
G:61y8 G8

CRILE (George). Phenomena of life: a radio-electric
interpretation, ed. by Amy Rowland.
G1:C G6

H Geology

The following are the chief divisions under which the books in Geology are grouped:—

Hu72	Geological survey of Canada
H1	Mineralogy
H2	Petrology
H4	Dynamic geology
H422	Action of water
H5	Stratigraphy
H69	Mammalian paleontology
H7	Economic geology
H7u	Survey
H7118	Gold deposits
H7210	Ground-water resources
H7551	Coal deposits
H8	Cosmic hypothesis

SHAW (E. W.). Little southwest Miremichi-sevogle
Rivers area, New Brunswick. Hu7212 G6

CALEY (J. F.). Geology of Woodstock area, Carleton
and York counties, New Brunswick.

Hu7212 G61

HANSON (G.), *etc.* Eagle-McDame area, Cassiar district,
British Columbia. Hu7252 G6

JOHNSTON (J. R.). Reconnaissance of Pelly river
between MacMillan river and Hoole Canyon,
Yukon. Hu7253 G62

HENDERSON (J. F.). Geology and mineral deposits of
Ville-Marie and Guilled (Mud) lake map-areas,
Quebec. Hu728 G6

GUNNING (A. C.). Cadillac area, Quebec. Hu728 G7

MERTIE (J. B.). *Jr.* The Yukon-Tanana region, Alaska.
Hu76 G7

H1 Minerology

ROGERS (Austin Flint). Introd. to the study of minerals,
with a section on micro-chemical analysis by Lloyd
W. Staples. H1 G7

BRITISH MUSEUM. NATURAL HISTORY. A guide to the
mineral gallery. H1:13 G7

WELLS (Roger C.). Analysis of rocks and minerals from
the laboratory of the United States Geological
Survey, 1913—36. H1:5 G7

H2 Petrology

JOHANNSEN (Albert). A descriptive petrography of the
igneous rocks. V. 4. 2 pts.

H21 G1.3—G1.4

HATCH (F. II.), *etc.* The petrology of the sedimentary
rocks, rev. by Maurice Black. H23 G8

H4 Dynamic Geology

DALY (Reginald Aldworth). Our mobile earth.

H41 F9

HECK (Nicolas Hunter). Earthquakes. H4132 G6

LABROUSTE (Henri). L'analyse des seismogrammes.

H4132 122G4

H422 Action of Water

WILLIAMS (Gordon R.), *etc.* Selected bibliog. on erosion
and silt movement. H422a G7

SYKES (Godfrey). Delta, estuary, and lower portion of
the channel of the Colorado river, 1933 to 1935.

H4223u7343 G7

SYKES (Godfrey). The Colorado delta.

H4223u7343 G71

PIGGOTT (Charles Snowden). Core samples of the ocean bottom and their significance, etc. H4225 G8

VAN DIEREN (J. W.). Organogene Dunenbildung: Eine geomorphologische Analyse der Dunenlandschaft der West-Friesischen Insel Terschelling mit pflanzensoziologischen Methoden. H426 113G4

H5 Stratigraphy

HINDS (Norman E. A.). Contributions to pre-Cambrian geology of Western North America. H51u71 G6

WRIGHT (W. B.). The quaternary ice age.

H55 G6

H69 Mammalian Paleontology

GREGORY (William K.), *etc.* Fossil anthropoids of the Yale-Cambridge India expedition of 1935.

H69u2:4 G7

SIMPSON (George Gaylord). Fort Union of the Crazy Mountain Field, Montana and its mammalian faunas.

H697u7363:41 G7

H7 Economic Geology

H7u Survey

UNITED STATES. MINES (Bureau of—). FOREIGN MINERALS DIVISION. Mineral raw materials: survey of commerce and sources in major industrial countries.

H7u1 G7

BAIN (H. Foster). Ores and industry in the Far East: the influence of key mineral resources on the development of oriental civilization, with a chap. on petroleum by W. B. Heroy.

H7u4 G3

WONG (William A.). Mineral wealth of China.

H7u41 F7

KINDLE (E. D.). Mineral resources, Usk to Cedarvale,
Terrace area, Coast District, British Columbia.

H7u7252 G71

RICHARDSON (G. B.). Geology and mineral resources of
the Butler and Zelienople quadrangles, Pennsylv-
vania.

H7u7312 G6

GILLULY (James). Geology and mineral resources of the
Baker Quadrangle, Oregon, etc.

H7u7353 G7

MOORE (Bernard N.). Nonmetallic mineral resources of
Eastern Oregon.

H7u7353 G71

H7118 Gold Deposits

EMMONS (William Harvey). Gold deposits of the world,
with a section on prospecting.

H7118u1 G7

STOCKWELL (C. H.). Gold deposits of Herblake area,
Northern Manitoba.

H7118u723 G3

McKNIGHT (Edwin T.). Zinc and lead deposits of
Northern Arkansas.

H7123u7336 G5

H7210 Ground-Water Resources

UNITED STATES. GEOLOGICAL SURVEY. Contributions to
the hydrology of the United States. 1935—1936.

H7210u73m

——— ——— Water levels and artesian pressure in
observation wells in the United States. 1935—1936.

H7210u73r

THEIS (Charles V.). Ground water in South central
Tennessee.

H7210u7328 G6

SAYRE (Albert Nelson). Geology and ground-water
resources of Uvalde and Medina counties, Texas.

H7210u7331 G6

H7210u7331

COSMIC HYPOTHESES

SAYRE (Albert Nelson). Geology and ground water resources of Duval County, Texas.

H7210u7331 G7

LONSDALE (John T.), *etc.* Geology and ground-water resources of Webb County, Texas.

II7210u7331 G71

STEARNS (Harold T.), *etc.* Records of wells on the Snake river plain, South Eastern Idaho.

H7210u7354 G6.2

HEWETT (D. F.), *etc.* The warm springs of Georgia: their geologic relations and origin: a summary report.

H7210:16u7323 G7

H7551 Coal Deposits

HUNT (Charles B.), *etc.* Coal deposits of Pike County, Kentucky.

H7551u7318 G7

WARING (Gerald A.). Geology of the Anthracite ridge coal district, Alaska.

H7551u76 G6

H8 Cosmic Hypotheses

HOLMES (Arthur). The age of the earth. H8 G7

ADAMS (Leason H.). The earth's interior, its nature and composition. H8 G71

TAMS (Ernst). Grundzuge der physikalischen, verhältnisse der Festenerde, ihre Beziehungen zur geologischen Gestaltung des Erdantlitzes. T. 2.

H8 113G2.2

PERRIER (Edmond). La terre avant l'histoire les origines de la vie et de l'homme. H8 122F0

I Botany

The following are the chief divisions under which the books in Botany are grouped:—

I:3	Plant physiology
I:8	Palaeobotany
I2	Thallophyta
I21	Bacteria
I22	Algae
I5	Flowering plants

LUNDELL (Cyrus Longworth). The vegetation of Peten, with an appendix. Studies of Mexican and Central American plants. 1. Iu75 G7

CHARLES Flahault. 1852—1935. IwM52 122G6

HABERLANDT (G.). Botanisches Vademecum für bildende Künstler und Kunstgewerber. I 113G6

PERCIVAL (John). Agricultural botany: theoretical and practical. IOJ G6

BRIQUET (John). International rules of botanical nomenclature adopted by the International Botanical Congresses of Vienna 1905, and Brussels 1910, rev. by the Congress of Cambridge 1930. I:11 G5

I:3 Plant Physiology

WRIGHT (E. C. Barton). General plant physiology, etc. I:3 G7

LOOMIS (Walter F.), *etc.* Methods in plant physiology: a laboratory manual and research handbook, with a chap. on statistical methods, by George W. Snedecor. I:3 G71

STILES (Walter), *etc.* Respiration in plants. I:3:4 G6

JENSEN (P. Boysen). Growth harmones in plants, tr.
and rev. by George S. Avery, Jr., and Paul
R. Burkholder, *etc.* I:75 G6

I:8 Palaeobotany

HARRIS (Thomas Maxwell). British Rhaetic flora.
I:8u3:31 G8

SANBORN (Ethel I.), *etc.* Contributions to palaeontology:
Eocene flora of Western America.
I:8u735:41 G7

I2 Thallophyta

KNIEP (Hans). Die Sexualität der niederen Pflanzen:
Differenzierung, Verteilung, Bestimmung und
Vererbung des Geschlechts bei den Thallophyten.
I2:7 113F8

I21 Bacteria

GALLOWAY (L. D.), *etc.* Applied mycology and bacterio-
logy. I210F G7

CLARK (D. G.). Physiological studies on rhizobium
species. I210J:1 G6

PRIBRAM (Ernst). Klassifikation der Schizomyceten,
Bakterien: Versuch einer wissenschaftlichen Klassi-
fikation der Bakterien auf botanischer Grundlage.
I21:11 113G3

I22 Algae

CHODAT (R.). Monographies d'algues en culture pure,
etc. I22 122E3

DETONI (Joseph). Diagnoses algarum novarum: post
sylloges editionum descriptarum. 1. Myxophyceae,
Centuria III. I22:12:1 12B9.8—3

- LANDSBOROUGH (D.). Popular history of British sea weeds, ... with notices of some of the fresh-water algae. I22:12:3 A3
- TAYLOR (William Randolph). Marine algae of the north eastern coast of North America. I22:12:71 G7
- KUTZING (Friedrich Traugott). Tabulae Physiologicae oder Abbildungen der Tange. 19 B im 9 B. I22:14 113A.1—A.9
- MENEGHINIO (Iosepho). Monographia Nostochinearum italicarum addito specimine de Rivulariis. I221:12:52 121A
- CZURDA (Viktor). Conjugatae. I223:2 113G7
- OLTMANN (Friedrich). Beitrage zur Kenntniss der Fucaceen. I225 113B9
- GRUBER (Eduard). Uber Aufbau und Entwicklung ciniger Fevcaceen. I225:2 113C6
- FOSLIE (Mikael Heggelund). Contributions to a monograph of the Lithothamnia, ed. by Henrik Printz. I227 F9

15 Flowering Plants

- JACKSON (B. Daydon). *Comp. Index Kewensis*: an enumeration of the genera and species of flowering plants from the time of Linnaeus to the year 1885 inclusive together with their authors' names, the work in which they were first published, their native countries and their synonyms, ed. by Joseph D. Hooker. Supplement 8. 1926—1930. I5:18 C3.12
- GLOCK (Waldo S.). Principles and methods of tree-ring analysis and a contribution by G. A. Pearson. I5:760U28 G7
-
- BABCOCK (Ernest B.), *etc.* The genus *Youngia*. I8424:12 G7

J Agriculture

The following are the chief divisions under which the books in Agriculture are grouped:—

J:1	Soil
J:1:1	Reclamation and protection of soil
J:1:H	Soil weathering
J:1:I21	Soil microbiology
J:4	Diseases of crops
J:E3	Agricultural analysis
J1	Landscape gardening
J3	Food crops
J4	Stimulant crops
J961	Rose
JA	Forestry

NEWSHAM (J. C.). *Comp. Horticultural notebook: a manual of practical rules, data, and tables, etc.*

Jg G7

MADRAS. AGRICULTURE (Department of—). A popular account of the progress of the work of the Madras Agricultural Department, 1922-35. Jv21:N3 G7

SCHAFER (Joseph). The social history of American agriculture. Jv73:N3 G6

UNITED STATES. AGRICULTURE (Department of—). Response of government to agriculture: an account of the origin and development of the United States Department of Agriculture, on the occasion of its 75th anniversary by Arthur P. Chew.

Jv73:N3 G7

RUSSELL (E. John), *etc.* Fifty years of field experiments at the Woburn Experimental Station, with a statistical report by W. G. Cochran. Jy8 G6

SURYANARAYANA (Mantha). Krisheevala vijayamu. Jz62 35G5

Treatises

HUTCHESON (T. B.), *etc.* The production of field crops: a textbook of agronomy. J G6

WRIGHTSON (John), *etc.* Agriculture: theoretical and practical, a textbook of mixed farming for large and small farmers and for agricultural students, *etc.* J G7

HALL (A. D.). The feeding of crops and stock: an introd. to the sciences of the nutrition of plants and animals. 3 pts. J G71.1—G71.3

SOUTH AFRICA. AGRICULTURE AND FORESTRY (Department of—). Handbook for farmers in South Africa. J G72

Cox (Joseph F.), *etc.* Crop management and soil conservation. J G73

NAGABHUSHANA. Krishijnana pradipike, ed. by P. G. Halakatti. J 33G6

J:1 Soil

SCARSETH (George D.). Development, classification and properties of soils: outline of lectures in soils. J:1 G61

RUSSELL (E. John). Soil conditions and plant growth. J:1 G7

LYON (T. Lyttleton), *etc.* The nature and properties of soils: a college text of edaphology. J:1 G72

DE SIGMOND (Alexius A. J.). Principles of soil science, tr. by Arthur B. Yolland, ed. by G. V. Jacks, *etc.* J:1 G8

J:1:1 Reclamation and Protection of soil

- AYRES (Quincy Claude). Soil erosion and its control.
J:1:1 G6
- GUSTAFSON (A. F.). Conservation of the soil.
J:1:1 G7
- JACKS (G. V.), *etc.* Erosion and soil conservation.
J:1:1 G8
- LYON (T. L.), *etc.* Lysimeter experiments. Pt. 4.
Records for tanks 17—20 during the years 1922—
1933 and for tanks 13—16 during the years
1913—1928. J:1:1 Cy8 G6

J:1:H Soil Weathering

- BLANCK (E.), *etc.* Contributions to the knowledge of
chemical weathering and soil formation in Siam.
J:1:H u433 G7
- POLYNOV (B. B.). The cycle of weathering, tr. by
Alexander Muir, *etc.* J:1:H G71

J:1:I21 Soil Microbiology

- WAKSMAN (Selman A.). Principles of soil microbiology.
J:1:I21 G21

J:4 Diseases of Crops

- HEALD (Frederick Deforest). Introductory to plant pathology.
J:4 G7
- SWEETMAN (Harvey L.). Biological control of insects
with a chap. on weed control *etc.*
J:4K86:68 G6
- BELLER (Samuel), *etc.* Preliminary list of insect pests
and their host plants in Siam, with notes on their
injury, miscellaneous foods and utilization of the
host plants. J:4K86:918:433 G6

- NEW SOUTH WALES. AGRICULTURE (Department of—).
Pruning. J:53 G3
- HILL (Albert F.). Economic botany: a text-book of
useful plants and plant products. J:9 G7

J:E3 Agricultural Analysis

- ASSOCIATION OF OFFICIAL AGRICULTURAL CHEMISTS.
United States. Official and tentative methods of
analysis. J:E3 G6
- WRIGHT (C. Harold). Agricultural analysis: a handbook
of methods excluding those for soils. J:E3 G8
-
- WILLCOX (O. W.). ABC of agrobiolgy: the quantitative
science of plant life and plant nutrition for
gardeners, farmers and general readers. J:G G7

J1 Landscape Gardening

- SARANGADHARA. Upavana-vinoda: a Sanskrit treatise on
arbori-horticulture, being a chap. from the
'Sarangadhara-paddhati' tr. by Girija Prasanna
Majumdar. J1xG40 G5
- MAWSON (Thomas H.), *etc.* The art and craft of garden
making. J1 F6
- ROSS (W. A.), *etc.* Landscaping the farmstead: making
the farm home grounds more attractive. J1 G8
- WYMAN (Donald). Growth experiments with pin oaks
which are growing under lawn conditions.
J14y8 G5
-
- RENNER (F. G.), *etc.* A selected bibliog. on management
of western ranges, livestock, and wild life.
J2a4:2735:N3 G8

J3 Food Crops

- STUART (William). Potato: its culture, uses, history and
classification, ed. by Kary C. Davis. J321 G7

- UNITED PROVINCES. AGRICULTURE (Department of—).
Improved methods of cane cultivation in the
United Provinces, by R. L. Sethi, etc. J341 G8
- TRESSLER (Donald K.), *etc.* The freezing preservation of
fruits, fruit juices, and vegetables.
J37:77:84 G6
- RAMIAH (K.). Rice in Madras: a popular handbook.
J381 G7
- PERCIVAL (John). The wheat plant: a monograph.
J382 F1
- UNITED STATES. EDUCATION (Office of—). Suggestions
for teaching the job controlling bunt (stinking
smut) of wheat in vocational agricultural classes.
J382:4I237:5y8 G7
- SNOWDEN (J. D.). The cultivated races of sorghum.
J385:912 G6

J4 Stimulant Crops

- GREIG (J. L.). The cultivation of lowland tea at the
central experiment station, Serdang. J451 G7.
- WILLIAMS (Llewelyn). Tea. J451:913 G7
- KENYA. AGRICULTURE (Department of—). Coffee in
Kenya ..., ed. by J. McDonald. J481r687 G7

-
- REDGROVE (H. Stanley). Spices and condiments.

J6 G3

J961 Rose

- SHERRARD-SMITH (W.). Practical hints on rose culture
in India. J961 G2
- BHATCHARJI (B. S.). Practical rose growing in India,
with a chap. on the raising of new roses by
Courtney Page and a special chap. for Bengal by
A. C. Pal, etc. J961 G5

BRETT (Walter). *Ed.* Rose encyclopaedia. J961 G8

THOMPSON (A.). Observations on stem-rot of the oil palm. J971:4I23y7 G7

PATEL (J. S.). The coconut: a monograph. J982 G8

KALE (F. S.). Soya bean: its value in dietetics, cultivation and uses. J988 G7

JA Forestry

LEAGUE OF NATIONS. COMMITTEE OF STATISTICAL EXPERTS.

Timber statistics: a minimum programme of timber statistics. JA:74s G8

KAMESAM (S.). Fire proofing of wood. JA:74:26 G7

MUNNS (E. N.). Distribution of important forest trees of the United States. JA:918:73 G8

ANTEVS (Ernst). Rainfall and tree growth in the Great Basin, ed. by J. K. Wright.

JA:G:760U2855 G8

K Zoology

The following are the chief divisions under which the books in Zoology are grouped:—

K1:3	Invertebrate physiology
K23	Sporozoa
K8	Arthropoda
K86	Insecta
K871	Diptera
K874	Aphaniptera
K9	Vertebrata
K92	Pisces
K96	Aves
K97	Mammalia

GARDINER (J. Stanley). *Ed.* The fauna and geography of the Maldiva and Laccadive archipelagoes, being the account of the work carried on and of the collections made by an expedition during the years 1899 and 1900. 2 V. K:12:292 D3.1—D3.2

BENEDICT (Francis G.), *etc.* Lipogenesis in the animal body, with sp. ref. to the physiology of the goose. K:31:94 G7

K1:3 Invertebrate Physiology

BUDDENBROCK (W. v.), *etc.* Vergleichend-physiologisches Praktikum mit besonderer Berücksichtigung der Niederentiere. K1:3y8 113G6

K23 Sporozoa

WATSON (Minnie Elizabeth). Studies on gregarines, including descriptions of twenty-one new species and a synopsis of the eugregarine records from the myriapoda, coleoptera and orthoptera of the world. K231:12:1 E6.1

KAMM (Minnie Watson). Studies on gregarines, II: synopsis of the polycystid gregarines of the world, excluding those from the myriapoda, orthoptera and coleoptera. K231:12:1 E6.2

SIEDLECKI (M.). Über die Struktur und die Lebensgeschichte von *Caryotropha Mesnili*. K231:7 113D7

DEBAISIEUX (Paul). *Haplosporidium*, *Minchinia*, *Chitonis* Lank., *Haplosporidium nemertis*, nov. sp. et le groupe des *Haplosporidies*. K235 113F0

GOPALA AIYAR (R.). *Salamacis*: the Indian sea-urchin. K54 G8—G82

RICHARDS (Oscar W.). The growth of mussel *mytilus californianus*. K712:22 F8

K8 Arthropoda

RATHBUN (Mary J.). Oxystomatous and allied crabs of America. K81583:12:7 G7

K86 Insecta

HOWARD (Leland O.). Fighting the insects: the story of an entomologist, etc. K86wM57 G3

—— The insect book: a popular account of the bees, wasps, ants, grasshoppers, flies and other North American insects exclusive of the butterflies, moths and beetles, with full life histories, tables and bibliographies. K86 G7

BEIER (Max), *etc.* *Bearbt.* *Insecta.* T. 2—3.

K86 113G0.2—G0.3

HOWARD (Leland O.). *The insect menace.* K860Y1 G3

FOLSOM (J. W.). *Neartctic collembola or springtails, of the family isotomidae.* K8612:12 G7

MANI (M. S.). *Catalogue of Indian insects. Pt. 23. Chalcidoidea.* K864:18:2 G8

K871 Diptera

EVANS (Alwen M.). *Mosquitoes of the Ethiopian region. Pt. 2. Anophelin: adults and early stages.*

K8711:12:682 G6.2

AUSTEN (E. E.). *Bombyliidae of Palestine.*

K8712:12:435 G7

K874 Aphaniptera

WATERSTON (James). *Fleas as a menace to man and domestic animals: their life history, habits and control, rev. by P. A. Buxton.* K874 G7

K9 Vertebrata

WORTHINGTON (S.), *etc.* *Inland waters of Africa: the result of two expeditions to the great lakes of Kenya and Uganda, with accounts of their biology, native tribes and development.* K9:5:1951-6 G3

SPEMANN (Hans). *Experimentelle Beitrage zu Einertheorie der Entwicklung.* K9:73 113G6

K92 Pisces

DEAN (Bashford). *Bibliography of fishes, ed. by Charles Rochester Eastman. 3 V.* K92aN1 E6.1—E6.3

BRITISH MUSEUM. *NATURAL HISTORY. Illustrated guide to the fish gallery, by J. R. Norman.*

K92:13 G7

K96 Aves

BAKER (E. C. Stuart). Birds. 2 V.

K96:12:2 G0.1—G0.2

BENT (Arthur Cleveland). Life histories of North American birds of prey : order falconiformes. Pt. 1.

K9635:5:71 G7.1

K97 Mammalia

DICE (Lee R.), *etc.* Studies of mammalian ecology in south-western North America, with sp. attention to the colors of desert mammals.

K97:5:1911-734:875 G7

L Medicine

The following are the chief divisions under which the books in Medicine are grouped:—

L:3	Human physiology
L:4	Diseases
L:4:3	Diagnosis
L:4:3253	X-Ray diagnosis
L:4:4	Pathology
L:4:6	Therapeutics
L:4:7	Surgery
L:42	Infectious diseases
L:5	Public health
L:5:X:8	Public health department
L:524	State control of intoxicants
L:558	Public hygiene of air
L:57	Personal hygiene
L:573	Food and nutrition
L:573:E	Chemistry of food and nutrition
L:6	Pharmacognosy
L:63	Pharmacology
L:Z	Legal medicine
L185	The eye
L185:4	Diseases of the eye
L191	Joints
L2	Digestive system
L3	Circulatory system
L4:4	Diseases of the respiratory system

L5	Genito-urinal system
L55:3	Obstetrics
L6	Glandular system
L7:4	Diseases of the nervous system
L91	Children
LA	Ayurvedic medicine

ARMY MEDICAL LIBRARY. *United States*. Index catalogue of the library of the Surgeon-General's office. Fourth series. V. 2. La4:473:M36 G6.2

ROLLESTON (Humphry). *Ed.* British encyclopaedia of medical practice, including medicine, surgery, obstetrics, gynaecology and other special subjects. V. 1—9. Lk G6.1—G6.9

INDIAN RESEARCH FUND ASSOCIATION. SCIENTIFIC ADVISORY BOARD. Report and summary of the report of Governing Body. 1933|34. Ll2:N12r

HEWER (G. Langton). Recent advances in anaesthesia and analgesia, including oxygen therapy. L:17 G7

L:3 Physiology

DOUGLAS (C. G.), *etc.* Human physiology: a practical course. L:3y8 G7

STARLING (Ernest H.). Principles of human physiology, ed. and rev. by C. Lovatt Evans; the chap. on the central nervous system and sense organs rev. by H. Hartridge. L:3 G61

BEST (Charles Herbert), *etc.* The physiological basis of medical practice: a University of Toronto text in applied physiology. L:3 G7

- TRENDELENBURG (W.), *etc.* *Hrsgs.* Lehrbuch der
Physiologie des Menschen. L:3 113F4
- BARBER (Harold Hayden). Physiology for pharmaceutical
students. L:30L:68 G7
- CARPENTER (Thorne M.). The metabolism of alcohol in
the animal body. L:33:54 G7

L:4 Diseases

- MODERN treatment in general practice, *etc.* V. 1—
1934— L:4m3:N34

L:4:3 Diagnosis

- KRACKE (Roy R.). *Ed.* Textbook of clinical pathology.
L:4:3 G8
- BUCHANAN (Scott). Doctrine of signatures; a defence of
theory in medicine. L:4:3:R G8

L:4:3253 X-Ray Diagnosis

- BROWN (Percy). American martyrs to science through
the Roentgen rays, with a short glossary of the
scientific terms used in the text.
L:4:3253wM9 G6
- HOLMES (George W.), *etc.* Roentgen interpretation: a
manual for students and practitioners.
L:4:3253 G62
- FRIEDMAN (Lewis J.). Textbook of diagnostic roentgeno-
logy. L:4:3253 G7

L:4:4 Pathology

- NATIONAL RESEARCH COUNCIL OF JAPAN. Japanese jour-
nal of medical sciences. Section 5. Pathology.
Transactions and abstracts. V. 2— 1934|36—
L:4:4m42:N20

HADFIELD (Geoffrey), *etc.* Recent advances in pathology.
L:4:4 G8

GERLACH (Walther), *etc.* Clinical and pathological applications of spectrum analysis ..., being the tr. of Pt. 2 of "Die chemische Emissionsspektralanalyse", tr. by Joyce Hilger Twyman.
L:4:402 G4

L:4:6 Therapeutics

HOUSTON (William R.). The art of treatment.
L:4:6 G61

MUKERJI (Sudhir Kumar). Prakasa-chikitsa.
L:4:625 152G8

LAKSHMAN (Sharma K.). The fasting cure.
L:4:6426 G2

L:4:7 Surgery

SAUERBRUCH (Ferdinand). Advances in modern surgery.
L:4:7z7 G7

BAILEY (Hamilton). Emergency surgery.
L:4:7 G64

SOUTTAR (H. S.). Art of surgery, *etc.* L:4:7 G7

L:42 Infectious Diseases

STIMSON (Philip Moen). A manual of the common contagious diseases.
L:42 G6

PHILIP (Robert W.). Collected papers on tuberculosis.
L:421zM56 G7

L:5 Public Health

GREAT BRITAIN. CHIEF MEDICAL OFFICER. Annual report on the state of public health. 1934—

L:5r3

L:5u792:N3

PUBLIC HEALTH

MOUNTIN (Joseph W.), *etc.* Illness and medical care in
Puerto Rico. **L:5u792:N3 G7**

GHOSH (Birendra Nath). Treatise on hygiene and public
health, with sp. ref. to the tropics. **L:5 G8**

L:5:X:8 Public Health Department

CHURCHILL (Stella). Health services and the public.
L:5:X:8:3:N2 F8

HILL (T. W.). The health of England.
L:5:X:8:3:N3 G3

POLITICAL AND ECONOMIC PLANNING. *Great Britain.*
Report on the British health services, a survey of
the existing health services in Great Britain with
proposals for future development.
L:5:X:8:3:N3 G7

L:524 State Control of Intoxicants

LEAGUE OF NATIONS. Convention for limiting the manu-
facture and regulating the distribution of narcotic
drugs ... 1931: historical and technical study *etc.*
L:524q1:N31 G7

L:558 Public Hygiene of Air

IVES (James E.), *etc.* Measurements of ultra-violet
radiation and illumination in American cities dur-
ing the years 1931 to 1933.
L:558:C52u73:N3 G7

L:57 Personal Hygiene

GRAND (Jules). Talks on hygiene, tr. by Fred Rothwell.
L:57 E9

L:573 Food and Nutrition

LEAGUE OF NATIONS. INFORMATION SECTION. New tech-
nical efforts towards a better nutrition.
L:573b4 G8

FISHBEIN (Morris). Your diet and your health.

L:573 G74

SILBURN (Judith Ann). Nutrition and sex.

L:5730S5:5 G7

L:573:E Chemistry of Food and Nutrition

DRUMMOND (J. C.). Biochemical studies of nutritional problems.

L:573:E G4

DANIEL (Esther Paterson), *etc.* Vitamin content of foods: a summary of the chemistry of vitamins, units of measurement, quantitative aspects in human nutrition and occurrence in foods.

L:573:E:97 G7

L:6 Pharmacognosy

BASTEDO (Walter Arthur). Materia medica, pharmacology, therapeutics and prescription writing, *etc.*

L:6 G8

L:63 Pharmacology

CUSHNY (Arthur Robertson). Pharmacology and therapeutics or the action of drugs in health and disease, ed. by C. W. Edmunds and J. A. Gunn.

L:63 G6

MACLEOD (John James Rickard). Carbohydrate metabolism and insulin.

L:63:L293 F6

L:Z Legal Medicine

MITCHELL (C. Ainsworth). Forensic chemistry in the criminal courts.

L:Zz7 G8

GONZALES (Thomas A.), *etc.* Legal medicine and toxicology, *etc.*

L:Z G7

Specific Regions and Organs

HARRIS (Wilfred). The facial neuralgias.

L181-73:417 G7

L185 The Eye

DUKE-ELDER (W. Stewart). Text-book of ophthalmology.
2 V. L185 G8.1—G8.2

REA (R. Lindsay). Neuro-ophthalmology.
L185-7:4 G3

LUCKIESH (Matthew), *etc.* Science of seeing.
L185:30D6:5 G7

***L185:4 Diseases of the Eye**

TRONCOSO (Manuel Uribe). Internal diseases of the eye
and atlas of ophthalmoscopy. L185:4 G7

KOMAN NAIR (K.). Ophthalmology in its relation to
clinical medicine. L185:4:31 G7

KAMESVARAN (L.). Defective sight: its cause and cure.
L185:4:64 G5

L191 Joints

POYNTON (Frederic John), *etc.* Recent advances in the
study of rheumatism. L191:4722 G7

L2 Digestive System

METHODEN zur Untersuchung der Funktionen des Ver-
dauungsapparates. II. 2. L2:3 113F3.2

KLEIN (Henry), *etc.* Dental caries in American Indian
children. L214:4241:2 G8

CADY (F. C.), *etc.* Survey of dental activities of state
departments and institutions of the United States.
L214:54u73:N3 G6

SCHINDLER (Rudolf). GastroscoPy: the endoscopic study
of gastric pathology, *etc.* L24:4:31 G7

VERZAR (F.), *etc.* Absorption from the intestines.
L25:3 G6

L3 Circulatory System

ASHMAN (Richard), *etc.* Essentials of electrocardio-
graphy. L32:3:C6 G7

LEVINE (Samuel A.). Clinical heart disease. L32:4 G8

PINEY (A.), *etc.* Clinical atlas of blood diseases.
L35:4:3f G8

CARRIE (Curt). Die Porphyrine ihre Nachweis, ihre
Physiologie und Klinik. L35:4533 113G6

PONDER (Eric). The mammalian red cell and the proper-
ties of haemolytic systems. L35:E G4

UNITED STATES. PUBLIC HEALTH SERVICE. Pathology of
Tularaemia. L396:4247:4 G7

L4:4 Diseases of the Respiratory System

NATIONAL RESEARCH COUNCIL OF JAPAN. Japanese jour-
nal of medical sciences. XII. Oto-Rhino Laryn-
gology. V. 2. 1933|38. L4:4m42:N20

PUNCH (A. Lisle), *etc.* Modern treatment of diseases of
the respiratory system. L4:4:6 G6

BURRELL (L. S. T.). Recent advances in pulmonary
tuberculosis. L45:421 G7

L5 Genito-Urinal System

KEYES (Edward L.), *etc.* Urology. L5:47 G62

L55:3 Obstetrics

MEDICAL COUNCIL OF INDIA. Notes on the teaching of
midwifery in the British Indian Universities, with
comparative tables. L55:3b32:N3 G7

SOLOMONS (Bethel), *etc.* Tweedy's practical obstetrics.
L55:3 G7

TITUS (Paul). Management of obstetric difficulties.
L55:3 G71

KERR (J. M. Munro). Operative obstetrics: a guide to
the difficulties and complications of obstetric prac-
tice, ed. by Donald McIntyre and D. Fyfe
Anderson. L55:3 G72

HAIRE (Norman). Birth-control methods: contraception, abortion, sterilisation, etc. L55:394 G7

LEAGUE OF NATIONS. HEALTH ORGANISATION. Inquiry into the results of radiotherapy in cancer of the uterus: atlas illustrating the division of cancer of the uterine cervix into four stages according to the anatomo-clinical extent of the growth, prep. by J. Heyman. L553:47257g G8

L6 Glandular System

TRENDELENBURG (Paul). Die Hormone: ihre Physiologie und Pharmakologie. 2 B. L6:3 113F9.1—F9.2

WERNER (August A.). Endocrinology: clinical application and treatment. L6:4 G7

GOLDZIEHER (Max A.). Practical endocrinology: symptoms and treatment. L6:4 G71

BROSTER (L. R.), *etc.* Adrenal cortex and intersexuality. L61:453z7 G8

HERTZLER (Arthur E.). Surgical pathology of the thyroid gland. L65:4711:4 G6

L7:4 Diseases of the Nervous System

GORDON (R. G.), *etc.* Introd. to psychological medicine. L7:4 G6

LAKSHMAN (Sarma K.). Mental healing. L7:4:691 G1

DENT (John Yerbury). Reactions of the human machine. L7:4:691 G61

ENGLISH (O. Spurgeon), *etc.* Common neuroses of children and adults. L7:4:691 G7

LAFORGUE (Rene). Clinical aspects of psycho-analysis, tr. by John Hall. L7:4:691 G8

HINSIE (Leland E.). Concepts and problems of psychotherapy. L7:4:691 G81

HENRY (George W.). Essentials of psychiatry. L7:4:691 G82

ROSANOFF (Aaron J.). Manual of psychiatry and mental hygiene. L7:4:691 G83

KROLOV (Y. P.). Pavlov and his school: the theory of conditioned reflexes, tr. by C. P. Dutt. L71:3 G8

CANNON (Walter B.), *etc.* Autonomic neuro-effector systems. L77:3 G7

BURNS (B. H.), *etc.* Recent advances in orthopaedic surgery. L82:471:7 G7

SCHWARTZ (Louis), *etc.* Skin hazards in American industry. V. 2. L87:415:510X9u73:N3 G4.2

L91 Children

ZAHORSKY (John), *etc.* Synopsis of pediatrics. L91:4 G7

HARDY (Martha Crumpton), *etc.* Healthy growth: a study of the influence of health education on growth and development of school children. L91:50T G6

LA Ayurvedic Medicine

VAIDYA (K. M.). Ashtanga hridaya kosha, with the hridaya prakasha: a critical and explanatory comm. LAx3k 15G6

KASYAPA. Kasyapasamhita, ed. by Sampatkumara Ramanuja Muni. LA:441:6x1 15G3

SUNDARAM (A. R. S.). Hindu pharmacopoeia. LA:65 G3

——— Ayurveda oushada muraigal. LA:65 31G5

MOOKERJI (Bhudeb). *Tr.* Rasa-jala-nidhi or ocean of Indian chemistry and alchemy. V. 4. LA:68 F6.4

M Useful Arts

The following are the chief divisions under which the books in Useful Arts are grouped:—

M1	Book-production
M3	Domestic science
MK	Animal husbandry and veterinary science
MK2	Cattle
MK2:573	Food and nutrition of cattle
MK2:G:6	Cattle breeding
MK31	Dairying
MK351	Poultry-keeping
MV4	Military science
MY	Sports and games

M1 Book-Production

CARTER (John). *Ed.* New paths in book collecting:
essays by various hands, etc. M1z7 G4

M3 Domestic Science

WHITAKER (Ruth). Modern developments in domestic
science training, etc. M3b33:N3 G7

COOPER (Charles). English tables in history and litera-
ture. M3v3:N2 F9

CARPENTER (Rowena Schmidt), *etc.* Menus and recipes
for lunches at school. M310T15 G6

MK Animal Husbandry and Veterinary Science

MACEWAN (J. W. G.), *etc.* Science and practice of
Canadian animal husbandry. MK G6

WOOD (T. B.). Animal nutrition. MK:573 G2

MK2 Cattle**MK2:573 Food and Nutrition**

MAYNARD (Leonard A.). Animal nutrition.

MK2:573 G7

BULL (Sleeter), *etc.* Principles of feeding farm animals.

MK2:573 G71

NATIONAL RESEARCH COUNCIL. *United States*. COMMITTEE ON ANIMAL NUTRITION. Mineral nutrition of farm animals by H. H. Mitchell and F. J. McClure.

MK2:573 G72

MK2:G:6 Cattle Breeding

LUSH (Jay L.). Animal breeding plans. MK2:G:6 G7

OLVER (Arthur). A brief survey of some of the important breeds of cattle in India.

MK2:G:6 G8

MK31 Dairying

MATTICK (A. T. R.). Handling of milk and milk products.

MK31:7 G7

BRODY (Arthur Louis). The transmission of fowl-fox.

MK35:4:23:2 G6

MK351 Poultry-Keeping

THOMPSON (Willard C.). Egg farming, *etc.* MK351 G6

BARGER (Edgar Hugh), *etc.* Diseases and parasites of poultry.

MK351:4 G8

MV4 Military Science

GREAT BRITAIN. WAR (—office). Examination of army officers for promotion: papers set in March, 1938 with remarks by the examiners.

MV4b112r

JADHAV (G. M.). Military science.

MV4z7 G8

MYm2:N36

SPORTS AND GAMES

MY Sports and Games

INDIAN OLYMPIC ASSOCIATION. Sports, etc. V. 1—
1936—

MYm2:N36

SWARNAVALI (K.). *Ed.* Vinoda silpamu. Pt. 1.

MY34 35G5.1

SANKARAN MOOSED (K.). *Ed.* Indrajala kautukam.

MY4 32F8

△ Spiritual Experience and Mysticism

The following are the chief divisions under which the books in Spiritual Experience and Mysticism are grouped:—

△xM96	Krishnamurti's works
△y7	Mystics
△:8	Occultism
△:8:16	Spiritualism
△:864	Astrology
△:866	Premonition
△:R	Philosophy of mysticism
△2	Hindu mysticism
△3	Jain mysticism
△4	Buddhist mysticism
△5	Judaic mysticism
△6	Christian mysticism
△63	Gnosticism
△73	Sufism
△8452	Mithraism
△8513	Neo-Platonic mysticism
△E	Occult chemistry
△J	Occult agriculture

△xM96 Krishnamurti's Works

KRISHNAMURTI (J.). Verbatim reports of talks and answers to questions at Italy and Norway, 1933, Adyar, India, 1933|34, Ojai Camp, 1934, Auckland, N. Z. 1934. △xM96 G3

—— Authentic report ... of talks given in Latin America, at Ojai, etc. △xM96 G6

- A SERVER. *Pseud. Comp.* Meditations, being selections from "At the feet of the master". $\Delta xM96:1$ F3
- ARUNDALE (George S.). Thoughts on "At the feet of the master". $\Delta xM96:1:9$ E8
- LEADBEATER (C. W.). Talks on "At the feet of the master". $\Delta xM96:1:9$ F2
- DAVIES (J. Tyssul). The religion of J. Krishnamurti, without rite, without church. $\Delta xM96:9$ F9

 $\Delta y7$ Mystics

- PAPAIYA CHETTY (B.). Sri Saileela. $\Delta y7M36$ 35G8
- YEATS (W. B.). A vision. $\Delta y7M651$ G7
- NARASIMHA SWAMI (B. V.). Sage of Sakori. $\Delta y7M70$ G8
- CHANDRASEKHARA AIYAR (K. S.). J. Krishnamurti: some impressions. $\Delta y7M96$ F7
- WODEHOUSE (E. A.). The new Krishnaji. $\Delta y7M96$ F71
- BOEKOE nomor i jaito bernama mengadep pada kakinja sang Goeroedewa j ang mengarang Alkyone J. Kresnamoerti. $\Delta y7M96$ 112E1

MUKERJEE (Radhakamal). Theory and art of mysticism. Δ G7

GUENON (Rene). Le symbolisme de la croix. $\Delta:18$ 122G1

——— Autorite spirituelle et pouvoir temporel. $\Delta:7:W$ 122G0

 $\Delta:8$ Occultism

- LEADBEATER (C. W.). Invisible helpers. $\Delta:8$ E8
- CANNON (Alexander). The power of Karma in relation to destiny. $\Delta:8$ G6

△:8:16 **Spiritualism**

- TYRRELL (G. N. M.). Science and psychical phenomena.
△:8:16 G8
- GUENON (Rene). L'erreur spirite. △:8:16 122G0
- JAGANNADHASWAMI (P.). Atmajignasa sanghamu: psychical research and man's survival of bodily death.
△:8:16 35E6
- WESTAWAY (F. W.). Obsessions and convictions of the human intellect. △:8:9 G8

△:864 **Astrology**

- THIERENS (A. E.). Astrology in Mesopotamian culture: an essay. △:864v467:A G5
- NRISIMHA SURI. Kalaprakasika, ed. by T. Ramaswamy Sastri. △:864 15F3
- RAMANUJACHARYA (V.). *Tr.* Kalamrita, with a comm. by Venkatesa Yajwan. △:864 31F1

-
- CARINGTON (Whately). Preliminary experiments in pre-cognitive guessing. △:866 G5

△:R **Philosophy of Mysticism**

- BEALE (W. J.). Divine causation: a critical study concerning intermediaries. △:R G7
- HUGHES (Thomas Hywel). Philosophic basis of mysticism. △:R G71

△1:3 **Integral Yoga**

- AUROBINDO. Bases of yoga. △1:3 G6

△2 **Hindu Mysticism**

- PUROHIT SWAMI. An Indian monk: his life and adventures, etc. △2y7M82 G2
- SHARPE (Elizabeth). Flame of God: a mystical autobiography. △2y7M88 G0

△2**INDIAN MYSTICISM**

- BEHANAN** (Kovoor T.). *Yoga: a scientific evaluation.*
 △2 G8
- YEATS-BROWN** (F.). *Yoga explained, etc.* △2:3 G7
- BRUNTON** (Paul). *The quest of the overself.*
 △2:3 G71

△3 Jain Mysticism

- YOGINDUDEVA**. *Paramatmaprakasa: Paramappapayasu:*
 an apabhramsa work on Jaina mysticism, the
 apabhramsa text, ed. with Brahmadeva's Sanskrit
 comm. and Daulatarama's Hindi tr. ... and also
Yogasara, ed. ..., by A. N. Upadhye.
 △3xD50 152G7

△4 Buddhist Mysticism

- DAWA-SAMDUP** (Kazi). *Ed. Shrichakra sambhara tantra:*
 a buddhist tantra. △41:3 E9

△5 Judaic Mysticism

- BUBER** (Martin). *Jewish mysticism and the legends of*
Baalshem tr. by Lucy Cohen. △5z7 G1
- SPERLING** (Harry), *etc. Trs. Zohar, etc.* 5 V.
 △5:8x1 G1.1—G1.5
- REGARDIE** (Israel). *A garden of pomegranates: an out-*
line of the Qabalah. △5:8 G2

△6 Christian Mysticism

- BERNARD**. *Saint. On the love of God*, tr. ... by Terence
 L. Connolly. △6xD91 G7
- JOHN**. *Saint. Complete works*, tr. from the critical ed.
 of P. Silverio de Santa Teresa, ed. by E. Allison
 Peers. 3 V. △6xJ42 G4.1—G4.3
- BOEHME** (Jacob). *Confessions*, comp. and ed. by W.
 Scott Palmer, *etc.* △6xJ75:11 F0

BOEHME (Jacob). Way to Christ, described in the following treatises: of true repentance, of true resignation, of regeneration, of the supersensual life. △6xJ75:12 F7

—— De electione gratiae and questiones theosophicae, with a biog. sketch, tr. . . ., by John Rolleston Earle. △6xJ75:13 G0

—— Supersensual life or the life which is above sense, being two dialogues between a scholar or disciple and his master, tr. by William Law. △6xJ75:21 G5

—— Signature of all things. △6xJ75:22 G4

PEERS (E. Allison). Ramon Lull: a biography. △6y7G32 F9

UNDERHILL (Evelyn). House of the soul. △6z7 G3

—— Spiritual life: four broadcast talks. △6z7 G8

△63 Gnosticism

MEAD (G. R. S.). Fragments of a faith forgotten: some short sketches among the gnostics mainly of the first two centuries, a contribution to the study of the Christian origins, etc. △63 G1

BAYNES (Charlotte A.). *Tr.* A coptic gnostic treatise contained in the Codex Brucianus, etc. △63 G3

△73 Sufism

JALALUDDIN RUMI. Mathnawi, ed. . . . tr. and comm. by Reynold A. Nicholson. V. 7. Containing the comm. on the first and second books. △73xG07:9 G7.1

INAYAT KHAN. Way of illumination: a guide book to the Sufi movement. △73 G7

△8452 **Mithraism**

- MEAD (G. R. S.). *Mysteries of Mithra.* △8452 D7
 ——— A Mithriac ritual. △8452 D71

△8513 **Neo-Platonic Mysticism**

- HERMES. *Hermetica: the ancient Greek and Latin writings which contain religious or philosophic teachings*, ed. and tr. by Walter Scott. 4 V.
 △8513x1 F4.1—F4.4
 EBREO (Leone). *Philosophy of love: dialoghi d'amore*, tr. by F. Friedeberg-Seely and Jean H. Barnes, etc.
 △8513xI60:1 G7
 WHITBY (Charles J.). *Wisdom of Plotinus: a metaphysical study.* △8513 E9

△E **Occult Chemistry**

- KOLISKO (L.). *Workings of the stars in earthly substances: experimental studies from the biological institute of the Goetheanum, with plates.*
 △E1:1 F8
 ——— *Gold and the Sun: an account of experiments conducted in connection with the total eclipse of the Sun of 19th June, 1936, tr. ... by G. S. Francis.* △E1:118 G6
 ——— *Jupiter and tin: experimental studies from the biological institute of the Goetheanum, with plates.*
 △E1:145 G2

△J **Occult Agriculture**

- KOLISKO (L.). *Moon and the growth of plants.*
 △J:G:7 G8

△Y1:1 **Occult Theory of Civilisation**

- WOOD (Ernest). *The Seven rays: a theosophical handbook.* △Y1:1 F5

N Fine Arts

The following are the chief divisions under which the books in Fine Arts are grouped:—

Nv	History of fine arts
N053:N24	Surrealism
N1	Architecture
N1:1	Town planning
N12	Indian architecture
N153	French architecture
N2	Sculpture
N22	Indian sculpture
N22:C	Buddhist sculpture
N221	South Indian sculpture
N241	Chinese sculpture
N243	South-eastern Asiatic sculpture
N4	Drawing and pattern work
N5	Painting
N7	Dancing
N8	Music
N82	Indian music
N821	South Indian music
N821:K	Carnatic music
N821:Kw	Biographies
N821:Kx	Works
N821:K	Treatises
N85	European music
N91	Theatre

Nv History of Fine Arts

Nawrath (Alfred). Indien und China: Meisterwerke der Baukunst und Plastik, mit 208 Abbildungen und einer Karte. Nv4:J6 113G8

Minamoto (H.). An illust. history of Japanese art, tr. by Harold G. Henderson. Nv42:M6 G5

Blum (Andre S.). Short history of art from prehistoric times to the present day ..., tr. by R. R. Tatlock. Nv5:N0 F6

Bossert (H. Th.), *etc.* Hellas and Rome: the civilisation of classical antiquity. Nv52:D6 G6

Ranke (Hermann). *Ed.* Art of ancient Egypt: architecture, sculpture, painting, applied art. Nv671:D2 G6

Rolland (Romain). Vie de Michel-Ange. NvI75 122G6

N053:N24 Surrealism

Barr (Alfred H.). *Jr. Ed.* Fantastic art dada surrealism: essays by Georges Hugnet. N053:N24 G7

N1 Architecture

Valery (Paul). Eupalinos ou l'architecte precede de l'ame et la danse. N1z62 122G8

Pond (Irving K.). The meaning of architecture: an essay in constructive criticism. N1 E8

Fletcher (Banister). The romance of architecture. N1 F9

——— Architecture and its place in general education. N1 G0

Meyer (Franz Sales). A handbook of ornament, rev. by Hugh Stannus. N1::99 G4

N1:1 Town Planning

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SHAND (P. Morton). Modern theatres and cinemas.
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N12 Indian Architecture

HAVELL (E. B.). The ancient and mediæval architecture
of India: a study of Indo-Aryan civilization.
N12v2:E1 E5

FERGUSON (James). History of Indian and eastern
architecture, rev. and ed., with additions, Indian
architecture by James Burgess and eastern archi-
tecture by R. Phene Spiers. 2 V.
N12v2:L9 E0.1—E0.2

N153 French Architecture

PARIS ville d'art. N153h G1

N2 Sculpture

MAANDBLAD voor beeldende kunsten. J. 14— 1937—
N2m5962:N24

N22 Indian Sculpture

CHANDA (Ramaprasad). Mediæval Indian sculpture in
the British Museum, etc N22v2:E0 G6

SUTRADHARA MANDANA. Devatamurtiprakaranam and
rupamandanam: manuals of Indian iconography
and iconometry, ed. by Upendra Mohan Sankhya
tirtha. N22:9QxI20 15G6

N22:C Buddhist Sculpture

- HACKIN (J). Guide-catalogue de Musee Guimet: les collections Bouddhiques, expose historique et iconographique; Inde centrale et Gandhara, Turkestan, Chine septentrionale, Tibet. N22:Cg 122F3
- VOGEL (J. Ph.). Buddhist art in India, Ceylon and Java, tr. by A. J. Barnouw. N22:C G6
- GRUNWEDEL (Albert). Buddhistische Kunst in Indien. N22:C 113D0
- COOMARASWAMY (Ananda K.). Elements of Buddhist iconography. N22:C:9Q4 G5
- SUNDARA SARMA. Pillars of India: a preliminary study showing their out and out Indianness and Rig Vedic conception. N22:C4:91 G6

N221 South Indian Sculpture

- RODIN (Auguste), *etc.* Sculptures Civaïtes. N221:G:9Q23 122F1

N241 Chinese Sculpture

- HACKIN (J.). *etc.* Studies in Chinese art and some Indian influences: lectures delivered in connection with the International Exhibition of Chinese Art at the Royal Academy of Arts, *etc.* N241:Cz7 G6

N243 South-eastern Asiatic Sculpture

- PARMENTIER (H.). Les sculptures chames au Musee de Tourane. N2431:D:9Q 122F2
- COEDES (George). Bronzes Khmers: etude basee sur des documents recueillis par M. P. Lefevre-Pontalis, dans la collections publiques et privees de Bangkok et sur les pieces conservees au palais royal de Phnom Penh au Musee du Cambodge et au Musee de l'Ecole Francaise d'Extreme-orient. N2433:D5:9Q 122F3

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Hollande et de Java. N2436:D:9Q 122F6

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N4 Drawing and Pattern Work

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ment of lettering. N4 F7

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of—). Catalogue of political and personal satires,
comp. by Mary Dorothy George. V. 6.
N43g A.7

N5 Painting

GOLOUDEW (Victor). Documents pour servir a l'etude
d'Ajanta les peintures de la premiere grotte.
N52:C 122F7

UNDERWOOD (Eric). A short history of English painting.
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BINYON (Laurence). L'art Asiatique au British Museum:
sculpture et peinture. N54 122F5

COOMARASWAMY (Ananda K.). Les miniatures orientales
de la collection Goloudew au Museum of fine arts
de Boston, etc. N54:E 122F9

DUFY (Raoul). Peintures, ed. by Christian Zervos.
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ancient Hindu dancing being a tr. into English
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Bijayetti Venkatanarayanawami Naidu and
Pasupuleti Srinivasulu Naidu and Ongole Venkata
Rangayya Pantulu. N72x2 G6

N8 Music

ENGEL (Carl). Music of the most ancient nations, particularly of the Assyrians, Egyptians and Hebrews; with sp. ref. to discoveries in Western Asia and in Egypt. N8v46:M5 F9

COUSINS (Margaret E). The music of orient and occident: essays towards mutual understanding. N8z7 G5

N82 Indian Music

FIROZE FRAMJEE. English textbook on the theory and practice of Indian music, etc. N82 G8

VIJAYADEVJI (Maharana) of Dharmpur. Sangit bhava. N82:K:2 G3

N821 South Indian Music

SANGEETHA abhimani: a high class monthly journal solely devoted to music. V. 3— 1936— N821m2031:N34

N821:K Carnatic Music**N821:Kw Biographies**

SUNDARESA SARMA (T. S.). Sri Tyagaraja charita, etc. N821:KwL59 15G7

NARASIMHACHARYULU (V.). Tyagaraja charitra. N821:KwL59 35G4

SAMBAMOORTHY (P.). Syama Sastry and other famous figures of South Indian music. N821:KwL63 G4

N821:Kx Works

VENKATA MAKHIN. The Chaturdandi prakasika, ed. by S. Subrahmanya Sastri, etc. Pt. 1. N821:Kx6 15G4.1

TYAGARAJA. Songs, tr. by C. Narayana Rao.

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RAMASWAMI BHAGAVATAR (K. K.). Sangita rahasya siddhanta suryodayam yennum Thiaga brahmopaniśad. Pt. 1.

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MUTHUSWAMY DIKSHITAR. Guruguha ganamrutha varshini. 2 pts.

N821:KxL751 31G6.1—G6.2

——— Dikshita kirtana prakasikai, ed. by T. S. Nataraja Sundaram Pillai, Pt. 1.

N821:KxL751 31G61.1

SRINIVASA IYENGAR (K. V.). Ed. Ganabhaskaramu.

N821:KxM4 35G4

LAKSHMANA PILLAI (T.). Songs: kritis and kirtanams, philosophical, ethical and devotional.

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Treatises

MAHESWARI DEVI (M.). (i.e. Miss M. Masilamany) A first book of Indian music.

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with svaras. Book 1. N821:K 31G5

MAHA VAIDYA NATHA SIVAN. Mela-raga malika, com-
prising the seventy-two mela-ragas extant in
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RAMACHANDRAN (N. S.). The ragas of Karnatic music.
N821:K:2 G8—G82

N85 European Music

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N85k F5

FARMER (Henry George). Arabian influence on musical
theory. N85vK3 F5

ROLLAND (Romain). Voyage musical au pays du Passe.
N85vL9 122F0

OXFORD history of music. V. 3. N85vN0 F94

DUNSTAN (R.). Manual of music. N85 E2

Goss (John). *Ed.* Ballads of Britain, etc.
N85::18 G7

REPHAEL (Lala). Hail, Britannia!: British Empire
song, music by Rajah Rham Singh. N85::2 G7

——— Our King and crown: British national song,
music by Rajah Rham Singh. N85::2 G71

GALPIN (Francis W.). A textbook of European musical
instruments: their origin, history, and character.
N85:1 G7

N91 Theatre

NICOLL (Allardyce). Stuart masques and the renaissance
stage. N91v3:K6 G7

RAMACHANDRA AIYAR (T. K.). Natyasastra samiksa.
N91 15G6

O Literature

The following are the chief divisions under which the books in Literature are grouped:—

O	Literature (General)
O19	Poetical criticism (General)
O2	Drama (General)
O:	English literature
O:v	History
O:w	Biographies
O:x	Selections
O:1	Poetry
O:1x	Anthologies
O:1:9	Criticism of English poetry
O:1:90P	English prosody

Individual poets arranged chronologically.

O:1F70	Layamon
O:1G20	<i>The owl and the nightingale</i>
O:1G25	<i>Floris and Blanche-flour</i>
O:1H29	Langland
O:1H40	Chaucer
O:1H95	<i>Piers plowman</i>
O:1J52	Spenser
O:1J72	Donne
O:1K08	Milton
O:1K13	Crashaw
O:1K31	Dryden
O:1K88	Pope
O:1L14	Shenstone
O:1L16	Gray
O:1L31	Cowper

O:1L59	Burns
O:1L70	Wordsworth
O:1L72	Coleridge
O:1L92	Shelley
O:1L93	Keats
O:1L931	Clare
O:1M02	Emerson
O:M032	Horne
O:1M07	Whittier
O:1M09	Tennyson
O:1M12	Browning
O:1M592	A. E. Housman
O:1M595	Havelock Ellis
O:1M61	Tagore
O:1M641	A. E.
O:1M705	Vasudeva Rao
O:1M724	Trevelyan
O:1M805	Brantom
O:1M841	Drinkwater
O:1M851	Ezra Pound
O:1M96	Blunden
O:1N021	Roy Campbell
O:1N031	Barker
O:1N04	Lehmann
O:1N052	Hedley Lucas
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O:2	Drama
O:2:9	Criticism of English drama

Individual dramatists arranged chronologically

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O:2J57	Lodge
O:2J63	Marlowe
O:2J64	Shakespeare

O:2J64:51:9	Hamlet criticism
O:2J64:9	Shakespearean criticism
O:2J64:90	From special points of view
O:2J73	Ben Jonson
O:2J75	Marston
O:2J84	Beaumont and Fletcher
O:2K24	Roger Boyle
O:2K31	Dryden
O:2L171	Garrick
O:2L32	George Colman
O:2M57	Bernard Shaw
O:2M60	Barrie
O:2M651	Yeats
O:2N071	Auden and Isherwood
O:2N09	Spender

O:3	English fiction
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O:3K89	Richardson
O:3L52	Fanny Burney
O:3L71	Scott
O:3L75	Austen
O:3M11	Thackeray
O:3M12	Dickens

O:3M20	George Eliot
O:3M29	Meredith
O:3M40	Hardy
O:3M48	Jefferies
O:3M52	George Moore
O:3M58	Conrad
O:3M64	Kipling
O:3M712	Dreiser
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O:3M925	Elwin
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O:6K88	Arbuthnot
O:6L09	Johnson
O:6L76	Lamb
O:6M322	Stephen
O:6M39	Pater
O:6M641	A. E.
O:6M651	Yeats
O:6M661	Wells
O:6M843	Squire
O:6M851	Ezra Pound
O:6M925	Sitwell
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O:113:2	German drama
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O113:3M19	Keller
O115:3	Norwegian fiction
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O12:1D02	Manili
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O122	French literature
O122:v	History
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O122:1:9	Criticism of French poetry

Individual poets arranged chronologically.

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O122:1L68	Chateaubriand
O122:1L97	Vigny
O122:1M02	Hugo
O122:1M21	Baudelaire
O122:1M42	Mallarme
O122:1M45	Verlaine
O122:1M46	Lantreamont
O122:1M54	Rimbaud

O122:1M69 Gide

O122:1M73 Eluard

O122:2 French drama*Individual dramatists arranged chronologically*

O122:2K22 Moliere

O122:2K25 Corneille

O122:2K39 Racine

O122:2K88 Marivaux

O122:2M48 Mirbeau

O122:2M62 Maeterlinck

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O122:3M23 Flaubert

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O13:1	Greek poetry
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O142:3M68	Gorki
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O15 :1A2	<i>Mahabharata</i>
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O15:9	Criticism of Sanskrit literature
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O164:3M82	Abbas Khallili
O164:3M84	Abdul Quasim Painda
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O32:2	Malayalam drama
O32:2M57	Raman Pillai

O32:2N02	E. V. Krishna Pillai
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O32:2N044	Raman Nambudiri
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O32:3M896	Kesava Pillai
O32:3M921	N. Parameswaran Pillai
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O32:3M943	V. K. Parameswaran Pillai
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O32:3M946	A. V. Parameswaran Pillai
O32:3M956	Lakshmana Pillai
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O32:3M961	M. R. Narayana Pillai
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O41	Chinese literature
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O Literature (General)

HARVEY (Paul). *Comp. and Ed.* Oxford companion to classical literature. Ok G7

NEW directions in prose and poetry. 1937—
Oxm73:N36

BENHAM (Gurney). Benham's book of quotations, proverbs and household words, etc. OxM6 G6

O19 Poetical Criticism (General)

CAUDWELL (Christopher). *Pseud.* (i.e. Christopher St. John Sprigg.) Illusion and reality: a study of the sources of poetry. O190S G7

O2 Drama (General)

CLARK (Barrett H.). Study of the modern drama: a handbook for the study and appreciation of typical plays, European, English and American of the last three-quarters of a century. O2aN3 G8

WILSON (N. Scarlyn). European drama O2vN3 G7

SCHLEGEL (Augustus William). A course of lectures on dramatic art and literature, tr. by John Black, rev. ... by A. J. W. Morrison. O29xL67 A

AESOP, *etc.* Fables. O3xM2 G6

DREWRY (Louisa). On the study of language and literature. O9 A

O: English Literature

O:v History

GREEN (F. C.). Minuet: a critical survey of French and English literary ideas in the eighteenth century. O:vL9 G5

GRONDAHL (Illit). Land marks of English literature: a brief survey. O:vN3 G8

O:w Biographies

THOMAS (Edward). Literary pilgrim in England. O:wM7 G7

EGLINTON (John). Irish literary portraits. O:wM8 G5

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MACAULAY (Rose). *Sel.* Minor pleasures of life. O:xM8 G4

ROBERTS (Michael). *Ed.* New country: prose and poetry by the authors of new signatures. O:xM9 G31

O:1 English Poetry**O:1x Anthologies**

- GREENE (Richard Leighton). *Ed.* Early English carols.
O:1xJ2 G5
- ADAMSON (Margot Robert). *Sel.* Treasury of middle
English verse. O:1xJ2 G0
- COWLING (George H.). *Ed.* Outline of English verse.
O:1xM2 G5
- AUDEN (W. H.), *etc.* *Comps.* Poet's tongue: an antho-
logy. O:1xN0 G7
- NICHOLSON (D. H. S.), *etc.* *Sels.* Oxford book of
English mystical verse. O:1x0△ G2

O:1:9 Criticism of English Poetry

- SHINE (Hill). Carlyle's fusion of poetry, history and
religion by 1834. O:1:9xL95:9 G8
- GORDON (George). Poetry and the moderns: inaugural
lecture delivered before the University of Oxford,
3 December 1934. O:1:9z7 G5
- DAICHES (David). Place of meaning in poetry.
O:1:9 G52
- HAMILTON (G. Rostrevor). Poetry and contemplation: a
new preface to poetics. O:1:9 G7
- IMAM (Syed Mehdi). Poetry of the invisible: an inter-
pretation of the major English poets from Keats to
Bridges, etc. O:1:90△:8 G7

O:1:90P English Prosody

- BREWER (R. F.). Orthometry: art of versification and
the technicalities of poetry, with a new and
complete rhyming dictionary. O:1:90P G7

- HENDREN (J. W.). A study of ballad rhythm, with sp.
ref. to ballad music. O:1:90P:1 G6

- LEWIS (C. S.). Allegory of love: a study in medieval
tradition. O:1:90S:55 G8

- LAWRENCE (William Witherle). Medieval story and the
beginning of the social ideals of English-speaking
people. O:1:90Y G1

Applied Criticism

- BARTLETT (Adeline Courtney). Larger rhetorical pat-
terns in Anglo-Saxon poetry. O:1:9H1 G5

- SMITH (David Nichol). Some observations on eighteenth
century poetry. O:1:9L5 G7

- UNIVERSITY OF CALIFORNIA. DEPARTMENT OF ENGLISH.
Essays in criticism, second series. O:1:9L8 G4

- PALMER (Herbert). Post Victorian poetry. O:1:9M9 G8

Individual Poets

(Arranged in chronological order)

- VISSER (G. J.). Layamon: an attempt at vindication. O:1F70:9 G7

- GRATTAN (J. N. G.), etc. *Eds.* The owl and the
nightingale. O:1G20 G5

- TAYLOR (A. B.). *Ed.* Floris and Blancheflour: a middle-
English romance, from the Trentham and Auchin-
leck mss. O:1G25 G7

- JAMES (Stanley B.). Back to Langland. O:1H29:9 G5

O:1H40 Chaucer

- CHAUCER (Geoffrey). Book of Troilus and Criseyde, ed.
by Robert Kilburn Root. O:1H40:5 G0

BRONSON (Bertrand H.). Chaucer's hous of fame: another hypothesis. O:1H40:81:9 G4

——— In appreciation of Chaucer's parlement of foules. O:1H40:82:9 G5

WHITING (Bartlett Jere). Chaucer's use of proverbs. O:1H40:90P G4

BOKENHAM (Osbern). Legendys of hooly wummen, ed. by Mary S. Scrjeantson. O:1H92:1 G8

O:1H95 Piers Plowman

CARNEGIE (F. A. R.). An attempt to approach the C-text of Piers the plowman. O:1H95 G4

DUNNING (T. P.). Piers plowman: an interpretation of the A-text. O:1H95:9 G7

HENRYSON (Robert). Testament of Cresseid, ed. by Bruce Dickens. O:1I30:3 G1

O:1J52 Spenser

ATKINSON (Dorothy F.). Edmund Spenser: a bibliographical supplement. O:1J52a G7

BHATTACHERJE (Mohinimohan). Platonic ideas in Spenser, etc. O:1J52:90R G5

FOWLER (Earle B.). Spenser and the system of courtly love. O:1J52:90S:5 G5

COFFIN (Charles Monroe). John Donne and the new philosophy. O:1J72:90R G7

O:1K08 Milton

BRADSHAW (John). Concordance to the poetical works of John Milton. O:1K08k C4

TAYLOR (George Coffin). Milton's use of Du Bartas. O:1K08:4:90z G4

PARKER (William Riley). Milton's debt to Greek tragedy
in Samson Agonistes. O:1K08:6:9 G7

TILLYARD (E. M. W.). Miltonic setting: past and
present. O:1K08:9 G8

WALLERSTEIN (Ruth C.). Richard Crashaw: a study in
style and poetic development. O:1K13:9 G5

O:1K31 Dryden

DRYDEN (John). Hymns attributed to John Dryden, ed.
... by George Rapall Noyes and George Reuben
Potter. O:1K31x G7

BREDVOLD (Louis I.). The intellectual milieu of John
Dryden: studies in some aspects of seventeenth-
century thought. O:1K31:9 G4

ABBOT (Edwin). Concordance to the works of Alexander
Pope, etc. O:1K88k A

WILLIAMS (Marjorie). William Shenstone: a chap. in
eighteenth century taste. O:1L14w G5

KETTON-CREMER (R. W.). Thomas Gray. O:1L16w G5

HARTLEY (Lodwick C.). William Cowper: humanitarian.
O:1L31:90Y1 G8

O:1L59 Burns

CUTHBERTSON (John). Complete glossary to the poetry
and prose of Robert Burns, etc. O:1L59k B6

REID (J. B.). *Comp.* and *Ed.* Complete word and
phrase concordance to the poems and songs of
Robert Burns, etc. O:1L59k B9

ROSS (John D.). A Burns handbook. O:1L59k G1

O:1L70x ENG. POETRY: ROMANTIC PERIOD

WORDSWORTH (William). Poetical works, etc., [along with] **Tutin** (J. R.): Wordsworth dictionary of persons and places with the familiar quotations from his works, and an index to the animal and vegetable kingdoms of Wordsworth.

O:1L70x B5

POTTER (Stephen). Coleridge and S. T. C.

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O:1L92 Shelley

ELLIS (F. S.). *Comp.* Lexical concordance to the poetical works of Percy Bysshe Shelley, etc.

O:1L92k G2

COWLING (George). Shelley and other essays.

O:1L92w G6

WHITE (Newman Ivey). Unextinguished hearth: Shelley and his contemporary critics.

O:1L92:9v3:M2 G8

FIRKINS (Oscar W.). Power and elusiveness in Shelley.

O:1L92:9 G7

BARNARD (Ellsworth). Shelley's religion.

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O:1L93 Keats

KEATS (John). Autobiography, comp. from his letters and essays by Earle Vonard Weller, etc.

O:1L93w G3

HEWLETT (Dorothy). Adonais: a life of John Keats.

O:1L93w G7

BROWN (Charles Armitage). Life of John Keats, ed. . . .
by Dorothy Hyde Bodurtha and Willard Bissell
Pope.

O:1L93w G71

CLARE (John). Poems, ed. with an introd. by J. W.
Tibble. 2 V.

O:1L931x G5.1—G5.2

HUBBELL (George Shelton). Concordance to the poems
of Ralph Waldo Emerson. O:1M02*k* G2

SHACKFORD (Martha Hale). E. B. Browning; R. H.
Horne: two studies. O:1M032:9 G5

CURRIER (Thomas Franklin). A bibliography of John
Greenleaf Whittier. O:1M071*a* G7

BAKER (Arthur E.). Tennyson dictionary. the characters
and place-names contained in the poetical and
dramatic works of the poet, alphabetically arranged
and described with synopses of the poems and
plays. O:1M09*k* E5

O:1M12 Browning

BROWNING (Robert) and WEDGWOOD (Julia). Letters: a
broken friendship as revealed in their letters, ed.
by Richard Curle. O:1M12*w* G7

DEVANE (William Clyde). Browning handbook.
O:1M12:9 G7

HOUSMAN (Laurence). A. E. H.: some poems, some
letters and a personal memoir by his brother.
O:1M592*w* G7

ELLIS (Havelock). Poems, sel. by John Gawsworth, etc.
O:1M595*x* G7

Modern English Poets

MITTER (Sushil Chandra). La pensee de Rabindranath
Tagore. O:1M61:9 122G0

EGLINTON (John). A memoir of A E, George William
Russell. O:1M641*w* G7

VASUDEVA RAO (B.). Of here and hereafter and other
poems. O:1M705:11 G7

TREVELYAN (R. C.). Beelzebub and other poems.
O:1M724:11 G5

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MODERN ENG. POETRY

BRANTOM (William). War no more and various verses.
O:1M805x G6

DRINKWATER (John). Collected poems. V. 3.
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POUND (Ezra). Fifth decad of cantos.
O:1M851:25 G7

BLUNDEN (Edmund). An elegy and other poems.
O:1M96:31 G7

Post-War Younger Poets

CAMPBELL (Roy). Broken record: reminiscences.
O:1N021w G4

——— Mithraic emblems: poems. O:1N021:24 G6

BARKER (George). Calamiterror. O:1N031:1 G7

LEHMANN (John). Noise of history. O:1N04:11 G4

LUCAS (Hedley). See you a city. O:1N052:11 G7

SPENDER (Stephen). Poems. O:1N09x G5

——— Vienna. O:1N09:11 G4

O:2 English Drama

BEST one-act plays 1937. O:2xm3:N31

EIGHT new one-act plays, ed. by John Browne. Series 2—
1934— O:2xm3:N33

O:2:9 Criticism of English Drama

GRANVILLE-BARKER (Harley). On poetry in drama.
O:2:9z7 G7

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WITHINGTON (Robert). Excursions in English drama.
O:2:9J6 G7

ELIOT (T. S.). Elizabethan essays. O:2:9J8 G4

- LAWRENCE (W. J.). Speeding up Shakespeare: studies of the bygone theatre and drama. O:2:9J8 G7
- KNIGHTS (L. C.). Drama and society in the age of Jonson. O:2:9J9 G7
- DREW (Elizabeth). Discovering drama. O:2:9M8 G7

Individual Dramatists

(Arranged in chronological order)

- HEYWOOD (John). [Works, ed.] by R. Dela Bere. O:2I97x G7
- TENNEY (Edward Andrews). Thomas Lodge. O:2J57w G5
- BAKELESS (John). Christopher Marlowe: the man in his time. O:2J63w G7

O:2J64 Shakespeare

- EBISCH (Walther), *etc.* Shakespeare bibliography: suppl. for the years 1930-1935. O:2J64aN2 G1—1
- CUNLIFFE (Richard John). A new Shakespearean dictionary. O:2J64k G6
- PASCAL (R.). Shakespeare in Germany. 1740—1815. O:2J64v55:M1 G7
- FRIPP (Edgar I.). Shakespeare: man and artist. 2 V. O:2J64w G8.1—G8.2

O:2J64:51:9 Hamlet—Criticism

- EWING Fayette (C.). Hamlet: an analytic and psychology study. O:2J64:51:9 G4
- SCHUCKING (Levin L.). Meaning of Hamlet, tr. by Graham Rawson. O:2J64:51:9 G71
- BROCK (J. H. E.). Dramatic purpose of Hamlet. O:2J64.51:9 G52

O:2J64:9 Shakespearean Criticism

SCHELLING (Felix E.). Shakespeare biography and other papers chiefly Elizabethan. O:2J64:9z7 G7

HART (Alfred). Shakespeare and the homilies and other pieces of research into the Elizabethan drama.

O:2J64:9 G45

SPRAGUE (Arthur Colby). Shakespeare and the audience: a study in the technique of exposition.

O:2J64:9 G52

RIDLEY (M. R.). Shakespeare's plays: a commentary.

O:2J64:9 G7

CHARLTON (H. B.). Shakespearian comedy.

O:2J64:9 G8

ELLIS-FERMOR (Una). Some recent research in Shakespeare's imagery. O:2J64:90P:75 G7

**O:2J64:90 Shakespearean Criticism
from Special Points of View**

STOLL (Elmer Edgar). Shakespeare's young lovers.

O:2J64:90S:55 G7

CLARK (Cumberland). Shakespeare and home life.

O:2J64:90Y1 G5

Other Elizabethan Dramatists

JONSON (Ben). Collected works, ed. by C. H. Herford and Percy Simpson. V. 5—6.

O:2J73x F5.5—F5.6

MARSTON (John). The plays, ed. . . ., by H. Harvey Wood. V. 2.

O:2J75x G4.2

McKEITHAN (Daniel Morley). Debt to Shakespeare in the Beaumont and Fletcher plays.

O:2J84:9 G8

BOYLE (Roger), (*i.e.* Earl of Orrery). Dramatic works, ed. by William Smith Clark, 11. 2 V.

O:2K24x G7.1—G7.2

ALLEN (Ned Bliss). Sources of John Dryden's comedies.
O:2K31:90z G5

STEIN (Elizabeth P.). David Garriek, dramatist.
O:2L171:9 G7

PAGE (Eugene R.). George Colman, the elder: essayist,
dramatist, and theatrical manager, 1732—1794.
O:2L32w G5

Modern English Drama

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HENDERSON (Archibald). Bernard Shaw: playboy and
prophet. O:2M57w G2

HACKETT (J. P.). Shaw: George versus Bernard.
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BARRIE (J. M.). Greenwood hat, being a memoir of
James Anon, 1885—1887, etc. O:2M60w G7

ROY (James A.). James Matthew Barrie: an apprecia-
tion. O:2M60w G7

YEATS (W. B.). Wheels and butterflies.
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—— The Herne's egg: a stage play.
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AUDEN (W. H.) and ISHERWOOD (Christopher). On the
frontier: a melodrama in three acts.
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SPENDER (Stephen). Trial of a judge: a tragedy in five
acts. O:2N09:11 G8

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- BAKER (Ernest A.). History of the English novel. V. 7.
Age of Dickens and Thackeray. O:3vM6 G6
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Romanticism in the English Novel. O:3vM9 G7
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- LAS VERGNAS (Raymond). Chesterton, Belloc, Baring,
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Individual Novelists*(Arranged in Chronological Order).*

- LEACH (MacEdward). *Ed.* Amis and Amiloun.
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- SUTHERLAND (James). Defoe. O:3K61w G7
- SALE (William Merritt). Samuel Richardson: a biblio-
graphical record of his literary career with
historical notes. O:3K89a G6
- TOURTELLOT (Arthur Bernon). Be loved no more: the
life and environment of Fanny Burney, etc.
O:3L52w G8
- SCOTT (Walter). Journal. 1825—1832. 2 V.
O:3L71w G6.1—G6.2
- TAIT (J. G.). Sir Walter Scott's journal and its editor.
O:3L71w G6.2—1
-
- AUSTEN-LEIGH (Emma). Jane Austen and Stevenson.
O:3L75w G7
- MUDGE (Isadore Gilbert), *etc.* Thackeray dictionary, *etc.*
O:3M11k E0

- GULLIVER (Harold Strong). Thackeray's literary apprenticeship, etc. O:3M11:9 G4
- PIERCE (Gilbert A.). Dickens dictionary, a key to the characters and principal incidents in the tales of Charles Dickens with additions by William A. Wheeler. O:3M12k A
- WHITE (W. Bertram). *Miracle of Haworth: a Bronte study.* O:3M16w G7
- BRONTE (Charlotte) and BRONTE (Patrick Branwell). *Miscellaneous and unpublished writings. V. 2.* O:3M16x G6.2
- MUDGE (Isadore Gilbert), *etc.* A George Eliot dictionary: the character and scenes of the novels, stories and poems alphabetically arranged. O:3M20k F4
- WOODS (Alice). George Meredith as champion of women and of progressive education. O:3M29:90Y115 G7
- RUTLAND (William R.). Thomas Hardy: a study of his writings and their background. O:3M40:9 G8
- ARKELL (Reginald). Richard Jefferies. O:3M48w G3
- FERGUSON (Walter D.). The influence of Flaubert on George Moore. O:3M52:90O122 G4
- CONRAD (Joseph). Prefaces to his works, with an introd. essay by Edward Garnett and a biographical note on his father by David Garnett. O:3M58:9 G7
- MACMUNN (George). Rudyard Kipling: craftsman. O:3M64:9 G8
- DREISER (Theodore). A history of myself. 2 V. O:3M712w F9.1—F9.2
- Twelve men. O:3M712:32 G0
- CHESTERTON (Gilbert Keith). Autobiography. O:3M74w G7
- SMYTH (Ethel). Maurice Baring. O:3M741:9 G8

O:3M742 Maugham

MAUGHAM (W. Somerset). Summing up.

O:3M742w G8

CORDELL (Richard A.). W. Somerset Maugham.

O:3M742:9 G7

WARD (Richard Heron). William Somerset Maugham.

O:3M742:9 G71

REID (Forrest). Peter Waring.

O:3M763:11 G7

SINCLAIR (Upton). No Pasaran: They shall not pass: a story of the Battle of Madrid.

O:3M782:64 G7

——— Manassas: a novel.

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MACAULAY (Rose). Writings of E. M. Forster.

O:3M80:9 G8

TSCHIFFELY (A. F.). Don Roberto, being the account of the life and works of R. B. Cunninghame Graham, 1852—1936.

O:3M82w G7

JOYCE (James). Ulysses.

O:3M83:13 G7

SITWELL (Edith). I live under a black sun: a novel.

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BECK (L. Adams). House of fulfilment: a romance of the soul.

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LEWIS (Wyndham). Blasting and bombardiering.

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PROKOSCH (Frederic). The Asiatics.

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——— The seven who fled: a novel.

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INNES (Michael). Hamlet, revenge?: a story in four parts.

O:3N062:12 G7

SAROYAN (William). *The Daring young man on the flying trapeze and other stories.*

O:3N081:11 G7

SPENDER (Stephen). *Burning cactus.*

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SHELLABARGER (Samuel). *Lord Chesterfield.*

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WITHINGTON (Robert). *Ed. Essays and characters: Montaigne to Goldsmith.*

O:6xL2 G3

GEORGE (Daniel). *Coll. A peck of troubles or an anatomy of woe, etc.*

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Individual Prose-Writers

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ROLLE (Richard). *English writings, ed. by Hope Emily Allen.*

O:6H02x G1

BEATTIE (Lester M.). *John Arbuthnot: mathematician and satirist.*

O:6K68:9 G5

JOHNSON (Samuel). *Prefaces and dedications, [comp.] by Allen T. Hazen.*

O:6L09x G7

—— (Edith Christina). *Lamb always Elia.*

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MACCARTHY (Desmond). *Leslie Stephen.*

O:6M322:9 G7

SYMONS (Arthur). *Study of Walter Pater.*

O:6M39:9 G2

A. E. *Pseud. (i.e. George William Russell) Living torch, ed. by Monk Gibbon, with an introd. essay.*

O:6M641:4 G7

WELLS (H. G.). *World brain.*

O:6M661:72 G8

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SQUIRE (John). Reflections and memories.

O:6M843:22 G5

POUND (Ezra). Polite essays.

O:6M851:11 G7

—— Guide to kulchur.

O:6M851:12 G8

SITWELL (Osbert). Penny foolish: a book of tirades and
panegyrics.

O:6M925:12 G5

O:9 English Literary Criticism

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O:90P:5 G1

ELIOT (T. S.). After strange gods: a primer on modern
heresy.

O:90Q G4

MACLEAN (Kenneth). John Locke and English literature
of the eighteenth century.

O:90RxK31 G6

DAICHES (David). Literature and society.

O:90Y1 G8

MURRY (John Middleton). Heaven— and earth.

O:90Y1:1 G8

EMPSON (William). Some versons of pastoral.

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ALEXANDER (Calvert). Catholic literary revival: three
phases in its development from 1845 to the
present.

O:90Y19Q62 G3

Applied Literary Criticism

CRUSE (Amy). Victorians and their books. (*Published
in U.S.A. as The Victorians and their readings*).

O:9M5 G51

INGE (W. R.). Modernism in literature.

O:9M8 G71

WALDOCK (A. J. A.). James Joyce, and others.

O:9M8 G72

SPENDER (Stephen). Destructive element.

O:9M8 G8

LEACOCK (Stephen). Humour and humanity: an introd.
to the study of humour.

O:9M9 G7

DAICHES (David). New literary values: studies in
modern literature.

O:9M9 G6

O113 German Literature

O113:1 German Poetry

CLOSS (A.). Genius of the German lyric: an historic
survey of its formal and metaphysical values.

O113:1vN3 111G8

GOETHE (Johann Wolfgang von). Sammtliche Werke.
Bds. 3—12; 15—22; 25—40. (Bound in 17 vols).

O113:1L49x A.1—A.17

STAWELL (F. Melian), *etc.* Goethe and Faust: an inter-
pretation, with passages newly tr. into English
verse.

O113:1L49:1:9 111F8

UNTERMAYER (Louis). Heinrich Heine.

O113:1L97w 111G8

HEINE. Book of songs, tr. by John Todhunter.

O113:1L97x 111D7

O113:2 German Drama

LESSING (Gathhold Ephraim). Gesammelte Werke. 6B.

O113:2L29x F1.1—F1.6

GARLAND (H. B.). Lessing, the founder of modern
German literature.

O113:2L29:9 113G7

O113:3 German Fiction

CERF (Bennett A.). *Ed.* Great German short novels
and stories.

O113:3xM8 111G3

KELLER (Gottfried). Gesammelte Werke. 5 B.

O113:3M19x F1.1—F1.5

O115 Norwegian Literature

UNDSET (Sigrid). Wild orchid, tr. by Arthur G. Chater.

O115:3M82:33 111G2

—— Burning bush, tr. by Arthur G. Chater.

O115:3M82:34 111G2

—— Faithful wife, tr. by Arthur G. Chater.

O115:3M82:44 111G7

O12 Latin Literature

MANILI (M.). Astronomican, ed. by A. E. Housman.

5 Libers.

O12:1D02:1 G7.1—G7.5

McCREA (Nelson Glenn). Literature and liberalism with
other classical papers, etc. O12:9zM63 111G61

O121 Italian Literature

ROBB (Nesca A.). Neoplatonism of the Italian renaissance.
O121:vJ6 111G5

O121:1G65 Dante

DANTE (Alighieri). Vita nuova and Canzoniere.

O121:1G65w 111G3

—— Inferno, with a tr. into English triple rhyme by
Laurence Binyon. O121:1G65:1 111G3

—— Divine comedy. 3 V.

O121:1G65:1 111G7.1—G7.3

—— Convivio.

O121:1G65:2 111G1

O121:2 Italian Drama

LEA (K. M.). Italian popular comedy: a study in the
commedia dell'arte, 1560—1620, with sp. ref. to
the English stage. 2 V.

O121:2vK2 111G4.1—G4.2

STARKIE (Walter). Luigi Pirandello, 1867—1936.

O121:2M67:9 111G7

O121:3 Italian Fiction

- BOCCACCIO (Giovanni). Early English versions of the tales of Guiscardo and Ghismonda and Titus and Gisippus from the Decameron, ed. by Herbert G. Wright. O121:3H13x 111G7

O122 French Literature**O122:v History**

- MAYNIAL (Edouard). L'époque realiste. O122:vM8 G1
- ALAIN. *Pseud.* (i.e. Emile Auguste Chartier). Propos de littérature. O122:vM8 G4
- BILLY (Andre). Les écrivains de combat. O122:vN0 G1
- LANSON (Gustave). Histoire de la littérature Française. O122:vN0 G8
- LALOU (Rene). Histoire de la littérature Française contemporaine 1870 a nos jours. O122:vN2 G1
- PARIS (Gaston). Recits extraits des poets et prosateurs du moyen age mis en Français moderne. O122:xK9 G6

O122:1 French Poetry

- CHARPENTIER (John). L'évolution de la poesie lyrique: De Joseph Delorme a Paul Claudel. O122:1vN2 G0
- THERIVE (Andre). Le Parnasse. O122:1xM7 F9
- ANTHOLOGIE de la nouvelle poesie Française. O122:1xM9 G0
- LALOU (Rene). Vers une alchimie lyrique: saint Beuve, Aloysius Bertrand, Gerard de Nerval, Baudelaire. O122:1:9M2. F7

Individual French Poets*(Arranged in Chronological Order)*

RONCARD (Pierre de). Sonnets pour Helene, with
English renderings by Humbert Wolfe.

O122:1J24x G4

CHATEAUBRIAND (Francois Rene de). Memoires d'outre
Tombe, ed. by Paul Gautier.

O122:1L68w G6

VIGNY (Alfred de). Poemes: poemes antiques et modernes,
poems philosophiques.

O122:1L97x G5

HUGO (Victor). Les chatiments.

O122:1M02:11 F3

——— La legende des siecles. 4 T.

O122:1M02:12 F7.1—F7.4

BAUDELAIRE (Charles). Morceaux choisis: poemes et
proses. Introd. et notes par Y. G. Le Dantec.

O122:1M21x F9

SOUPAULT (Philippe). Baudelaire.

O122:1M21:9 G1

MALLARME (Stephane). Poesies.

O122:1M42x G7

VERLAINE (Paul). Oeuvres completes. 5 T.

O122:1M45x F3.1—F3.5

——— Oeuvres posthumes. 3 T.

O122:1M45x F7.1—F7.3

LAUTREAMONT (Comte de). (*i.e.* Isidore Ducasse).

Oeuvres completes: Les chants de Maldoror, poesies
and lettres, ed. by Edmond Jaloux.

O122:1M46x G7

FONDANE (Benjamin). Rimbaud le voyou.

O122:1M54w G3

STARKIE (Enid). Arthur Rimbaud in Abyssinia.

O122:1M54w 111G7

GIDE (Andre). Les nourritures terrestres.

O122:1M69:14 F1

VALERY (Paul). Poesies.

O122:1M71x G6

BOSANQUET (Theodora). Paul Valery.

O122:1M71:9 111G3

ELUARD (Paul). Capitale de la Douleur: repetitions,
mourir de ne pas nourir, les petits justes nouveaux
poemes.

O122:1M73x F6

O122:2 French Drama

DE SMET (Robert). Le theatre romantique: Victor Hugo,
Alexander Dumas, Alfred de Vigny, Alfred de
Musset.

O122:2:9M1 F9

Individual French Dramatists

(Arranged in Chronological Order)

MOLIERE (Jean-Baptiste Poquelin). Theatre choisi ...
ed. by Ernest Thirion.

O122:2K22x G6

CORNEILLE (Pierre). Theatre choisi, avec notices et anno-
tations par Paul Desjardins, etc.

O122:2K25x G7

RACINE (Jean). Theatre complet, ed. by N. M. Ber-
nardin. 4 T.

O122:2K39x B2.1—B2.4

—— Theatre choisi ... ed. by G. Lanson.

O122:2K39x G5

MARIVAUX (Piere Carlet de Chamblain de). Theatre. 2 V.

O122:2K88x G0.1—G0.2

MIRBEAU (Octave). Les affaires sont les affaires.

O122:2M48:3 G1

MAETERLINCK (Maurice). L'oiseau bleu.

O122:2M62:11 G6

—— Betrothal or the blue bird chooses, ... by
Alexander Teixeira de Mattos.

O122:2M62:14 111F1

CLAUDEL (Paul). L'Annonce faite a Marie.

O122:2M67:11 G8

—— L'otage.

O122:2M67:12 G5

- MADAULE (Jacques). Le drama de Paul Claudel, etc.
O122:2M67:9 G6
- ROSTAND (Edmond). Cyrano de Bergerac, etc.
O122:2M68:22 C7
- Cyrano de Bergerac, tr. by Brian Hooker, etc.
O122:2M68:22 111F3
- GIRAUDOUX (Jean). La Guerre de Troie N'Aura pas lieu.
O122:2M82:11 G5
- ROMAINS (Jules). Theatre. V. 1. Knock ou le triomphe
de la medecine; M. Le Trouha dec saisi par la
debauche. O122:2M852:11 G8
- COCTEAU (Jean). Orphee: a tragedy in one act and an
interval, tr. by Carl Wildman.
O122:2M91:12 111G3

O122:3 French Fiction

- HYTIER (Jean). Les romans de l'individu: Constant,
Sainte-Beuve, Stendhal, Merimee, Fromentin, etc.
O122:3:9M2 F8

Individual French Novelists

(Arranged in Chronological Order)

- RABELAIS (Francois). Oeuvres, ed. avec notice biblio-
graphique par Henri Clouzot. 2 T.
O122:3I95x F6.1—F6.2
- Gargantua and Pantagruel. 2 V.
O122:3I95x 111G2.1—G2.2
- LA FONTAINE (Jean de). Fables, contes et nouvelles, ed.
by Edmond Pilon, etc. O122:3K21x G2
- Fables, tr. into English verse by Edward Marsh,
with twelve reproductions from engravings by
Stephen Gooden. O122:3K21x 111G3

- LAFAYETTE (Madame de). *La princesse de cleves*, ed. par
Albert Cazes. O122:3K34:1 G4
- VOLTAIRE (F. Arouet De). *Romans et contes*.
O122:3K94x G8
- PREVOST (L'Abbe). *Histoire du Chevalier des Grieux et
de Mamon Lescaut*. O122:3K97:1 G6
- ROUSSEAU (J. J.). *Les confessions; les reveries du
promeneur solitaire*, ed. by Louis Martin-chauffier.
O122:3L12w G3
- CONSTANT (Benjamin). *Adolphe: Le Cahier Rouge*.
O122:3L67:1 G1
- STENDHAL. *Pseud.* (*i.e.* Henri Beyle). *Les Romans*.
3 T. O122:3L83x G2.1—G2.3
- BLUM (Leon). *Stendhal et le Beylisme*.
O122:3L83:9 G0
- VIGNY (Alfred de). *Servitude et grandeur militaires*.
O122:3L97:11 F5

O122:3L99 Balzac

- BALZAC (Honore de) and CARRAUD (Zulma). *Unpub-
lished correspondence, 1829—1850*, tr. ..., by
J. Lewis May. O122:3L99w 111G7
- *Eugenie Grandet*. O122:3L99:12 G4
- *Eugenie Grandet*, tr. by Ellen Marriage, etc.
O122:3L99:12 111G0
- *Ursule mirouet*, etc. O122:3L99:17 111F5
- *Lost illusions*, tr. by Ellen Marriage, etc.
O122:3L99:18 111F5
- *The quest of the absolute*, tr. by Ellen Marriage,
etc. O122:3L99:22 111G6
- *At the sign of the cat and racket and other
stories*, tr. by Clara Bell, etc.
O122:3L99:31 111G0

O122:3L99:38

FRENCH NOVEL

BALZAC (Honore de). The atheist's mass and other stories, tr. by Clara Bell, etc.

O122:3L99:38 111F9

——— Le Pere Goriot le colonel Chabert. 2 T.

O122:3L99:44 G2.1—G2.2

——— Old Goriot, tr. by Ellen Marriage, etc.

O122:3L99:44 111G5

——— The rise and fall of Cesar Birotteau, tr. by Ellen Marriage, etc.

O122:3L99:45 111F5

——— Cousin Pons. 2 T.

O122:3L99:48 G3.1—G3.2

——— Cousin Pons, etc.

O122:3L99:48 111G3

——— The Chouans, tr. by Ellen Marriage, etc.

O122:3L99:61 111F1

——— Le cure de village.

O122:3L99:71 F5

——— The country doctor.

O122:3L99:71 111F3

——— The country parson, etc.

O122:3L99:72 111G0

——— Christ in Flanders and other stories, tr. by Mrs. Clara Bell, etc.

O122:3L99:84 111G1

——— About Catherine de Medici, tr. by Clara Bell, etc.

O122:3L99:85 111G4

O122:3M02 Hugo

HUGO (Victor). Notre-dame de Paris. 2 V.

O122:3M02:3 G1.1—G1.2

——— Les miserables. 8 T. O122:3M02:4 F8.1—F8.8

——— Quatrevingt-Treize. 2 T.

O122:3M02:7 F8.1—F8.2

DUMAS (Alexandre). Les trois mousquetaires. 2 T.

O122:3M03:281 G7.1—G7.2

SAND (George). Histoire de ma vie. 4 T.

O122:3M04w G2.1—G2.4

FROMENTIN (Eugene). Dominique. O122:3M20:11 G3

O122:3M23 FlaubertFLAUBERT (Gustave). *Madame Bovary*.

O122:3M23:3 G6

——— *Trois contes*.

O122:3M23:4 G6

——— *Salambo*, tr. by E. Powys Mathers, etc.

O122:3M23:6 111G1

DUMAS (Alexandre, *Fils*). *La dame aux camelias*, etc.

O122:3M25:11 F5

DAUDET (Alphonse). *Lettres de Mon Moulin*.

O122:3M40:11 G7

O122:3M41 ZolaFIELDING (Hubert). *Life of Emile Zola: the authorised story of the film*.

O122:3M41w 111G8

ZOLA (Emile). *La conquete de Plassans*.

O122:3M41:23 F9

——— *L'Assommoir*. 2 T. O122:3M41:32 G4.1—G4.2——— *Germinal*. 2 T. O122:3M41:41 G3.1—G3.2——— *Money*, tr. by Ernest A. Vizetelly.

O122:3M41:51 111F3

O122:3M44 Anatole FranceFRANCE (Anatole). *Le lys rouge*. O122:3M44:13 F4——— *Le crime de Sylvestre Bonnard*.

O122:3M44:21 G5

——— *Les dieux ont soif*.

O122:3M44:53 G2

——— *Crainquebille putois, Riquet et plusieurs autres recits profitables*.

O122:3M44:63 G0

HUYSMANS (J. K.). *En route*.

O122:3M48:12 G7

MAUPASSANT (Guy de). *Contes choisis*, etc.

O122:3M50x F6

O122:3M50:9

FRENCH NOVEL

JACKSON (Stanley). Guy de Maupassant.

O122:3M50:9 111G8

COURTELINE (Georges). Messieurs les ronds-de-cuir, etc.

O122:3M59:11 G7

PREVOST (Marcel). Lettres a Francoise, etc.

O122:3M621:11 F2

BARRES (Maurice). L'Appel au soldat. 2 T.

O122:3M622:22 G1.1—G1.2

——— Un Jardin sur l'oronte. O122:3M622:82 F2

RENARD (Jules). Poil de Carotte, etc.

O122:3M64:11 G8

O122:3M69 Gide

GIDE (Andre). Morceaux choisis. O122:3M69x G8

——— Les Caves du Vatican: sotie.

O122:3M69:14 F2

——— Les Faux-Monnayeurs: Roman.

O122:3M69:16 F5

BORDEAUX (Henry). Les Roguevillard.

O122:3M72:11 G4

O122:3M73 Proust

PROUST (Marcel). Morceaux choisis.

O122:3M73x G7

——— La recherche du temps perdu. T. 1. Du cote
chez swann. 2 V. O122:3M73:1 G6.1—G6.2

AMES (Van Meter). Proust and Santayana: the aesthetic
way of life. O122:3M73:9 111G7

SPAGNOLI (John J.). Social attitude of Marcel Proust.

O122:3M73:90Y1 111G6

- COLETTE. *Pseud.* (*i.e.* Collette Willy). L'Envers du
Music-Hall. O122:3M731:23 G3
- ——— ——— Le ble' en herbe.
O122:3M731:32 F3
- PHILLIPPE (Charles-Louis). Charles Blanchard.
O122:3M74:11 F4
- GIRAUDOUX (Jean). Bella: Histoire des Fontranges.
O122:3M82:11 G7
- BLOCH (Jean-Richard). ... Et compagnie.
O122:3M84:12 G7
- MAURICE (Francois). Therese Desqueyroux.
O122:3M851:21 G5
- Le Noeud de Viperes. O122:3M851:23 G2
- ROMAINS (Jules). Mort de quelqu'un.
O122:3M852:11 G6
- DORGELES (Roland). Le chateau des Brouillards.
O122:3M86:22 G2
- FOURNIER (Alain). Le Grand Meaulnes.
O122:3M861:11 G6
- BENOIT (Pierre). L'Atlantide. O122:3M87:12 F0
- BERNANOS (Georges). Journal d'un cure de campagne,
etc. O122:3M881:21 G7
- CELINE (Louis-Ferdinand). Death on the instalment
plan, tr. by John Marks. O122:3M882:12 111G8
- COCTEAU (Jean). Les enfants terribles.
O122:3M91:11 F9
- MALRAUX (Andre). Les conquerants.
O122:3M95:11 G3
- La condition humaine. O122:3M95:12 G3
- DE MONTHERLANT (Henry). Les celibataires.
O122:3M96:23 G4
- DABIT (Eugene). L'Hotel du Nord. O122:3M98:11 G1

SAINT EXUPERY (Antoine de). Vol de nuit.

O122:3M99:11 G6

GIONO (Jean). Un de Baumugnes. O122:3N00:12 F9

——— Song of the world, tr. by Henri Fluchere and
Geoffrey Myers. O122:3N00:21 111G8

GUILLOUX (Louis). Le gang noir. O122:3N01:16 G5

MONTESQUIEU (Charles). Lettres persanes, ed. par lie
Carcassonne. 2 T. O122:4K89x F9.1—F9.2

BOSSUET (Jacques-Benigne). Oraisons funebres.
O122:5K27x G5

O122:6 French Prose

PARIS (Gaston), *etc.* Eds. Extraits des chroniqueurs
Francais, Villehardun, Joinville, Froissart, Comines,
etc. O122:6xI4 G2

MONTAIGNE (Michel De). Essais, ed. by Pierre Villey.
3 T. O122:6J33x G0.1—G0.3

LA ROCHEFOUCAULD (Francois de). Reflexions ou sen-
tences et maximes morales, *etc.* O122:6K13x G2

——— Maxims, tr. . . ., by Louis Kronenberger.
O122:6K13x 111G6

PASCAL (Blaise). Pensées et opuscules, ed. by Leon
Brunschvicg. O122:6K23x G7

LA BRUYERE (Jean de). Les caracteres accompagnees des
caracteres de Theophraste et du discours a l'Aca-
demie, ed. par Gaston Cayrou. O122:6K45x G6

SAINT-SIMON. Scenes et portraits, choisis par Eugene de
Lanneau. 2 Pts. O122:6K75x F5.1—F5.2

RENAN (Ernest). Pages choisies. O122:6M24x G8

MAETERLINCK (Maurice). Old-fashioned flowers and
other open-air essays, tr. by A. Teixeira de Mattos,
etc. O122:6M62:44 111D6

ROLLAND (Romain). *I will not rest*, tr. by K. S. Shelvankar. O122:6M66:13 111G4

PEGUY (Charles). *Morceaux choisis*: prose, etc. O122:6M732x G6

FARGUE (Leon-Paul). *Sous la lampe*: suite familiere, Banalite. O122:6M78:11 G7

O122:9 French Literary Criticism

SAINTE-BEUVE. *Correspondance generale*, ed. by Jean Bonnerot. 2 T. O122:9wM04 G5.1—G5.2

DEFFOUX (Leon). *Le naturalisme*, etc. O122:90R325 F9

JONES (P. Mansell). *French introspectives from Montaigne to Andre Gide*. O122:90S 111G7

O1223 Troubadours

AUDIAU (Jean). *Les troubadours et l'Angleterre*: contribution a l'etude des poetes Anglais de l'amour au moyen-age, XIIIe et XIVE siecles. O1223:v3:H9 F7

O123 Spanish Literature

McCLELLAND (I. L.). *Origins of the romantic movement in Spain*. O123:vM0 111G7

LORCA (Federico Garcia). *Lament for the death of a bullfighter and other poems in the original Spanish with English tr. by A. L. Lloyd*. O123:1M99x 111G8

O1295:3 Irish Fiction

GREGORY (Augusta). *Tr. Gods and fighting men: the story of the Tuatha de Danaan and of the Fianna of Ireland*, etc. O1295:3xH8 111F6

O13 Greek Literature**O13:1 Greek Poetry**

- CHRIST (Wilhelm). *Metrik der Griechen und Romer.*
O13:1:90P 113A
- WILAMOWITZ-MOELLENDORFF (Ulrich V.). *Griechische
Verskunst.* O13:1:90P 113F1
- WEIGALL (Arthur). *Sappho of Lesbos: her life and
times.* O13:1C45w 111G7
- HOMER. *The story of Odysseus: a tr. into plain English
by W. H. D. Rouse.* O13:1D30:2 111G7

O13:2 Greek Drama

- AESCHYLUS. *Agamemnon*, tr. by Louis MacNeice.
O13:2D48:5 111G6
- SOPHOCLES. *King Oedipus: a version for the modern
stage*, by W. B. Yeats. O13:2D50:1z5 111F8

O142 Russian Literature**O142:1 Russian Poetry**

- PUSHKIN (Alexander). *Ded.* Centennial essays, ed. by
Samuel H. Cross and Ernest J. Simmons.
O142:1L99j 111G7
- SIMMONS (Ernest J.). *Pushkin.*
O142:1L99w 111G7
- PUSHKIN (Alexander). *Works: lyrics, narrative poems,
folk tales, plays, prose, sel. and ed. . . .*, by Avrahm
Yarmolinsky. O142:1L99x 111G6
- *Ded.* *Pushkin: the man and the artist, etc.*
O142:1L99:9 111G7
- LERMONTOV (Michael). *The demon*, tr. by Gerard Shelley,
etc. O142:1M14:11 111G0

O142:2 Russian Drama

AETZIBASHEF (Michael). War: a play in four acts, tr. by
Percy Pinkerton and Ivan Ohzol.

O142:2M78:11 111E8

O142:3 Russian Fiction

KRYLOV (Ivan). Fables, tr. into English verse with a
preface by Bernard Pares. O142:3L68x 111F6

TCHHEHOV (Anton). Tales, tr. by Constance Garnett.
V. 2—4; 7—10; 12—13.

O142:3M60x 111F0.2—F0.4; F0.7—F0.10;
F0.12—F0.13

TOUMANOVA (Nina Andronikova). Anton Chekhov: the
voice of twilight Russia. O142:3M60:9 111G7

GORKI (Maxim). Specter, tr. ..., by Alexander Bakshy.
O142:3M68:54 111G8

ARTZYBASHEFF (Boris). Seven Simeons: a Russian tale
retold and illust. O142:3M92:11 111G7

O15 Sanskrit Literature

HARAPRASAD SASTRI. *Ded.* Memorial volume, ed. by
Narendranath Law. O15:jM53 111G3

VIRARAGHAVACHARYA (E. V.). A critique on the
'History of classical sanskrit literature' of M. S.
Sastri. O15:vE0 35G7

KRISHNAMACHARIAR (M.), *etc.* History of classical
Sanskrit literature, *etc.* O15:vM9 111G7

RAJA RAJA VARMA RAJA (V.). Keraliya Samskrita
sahitya charitram: history of Sanskrit literature
in Kerala. O15:vM9 32F8.1

O15:1 Sanskrit Poetry

JALHANA (Bhagadatta). Sūkti muktāvali, ed. by Embar
Krishnamacharya. O15:1sG47 G8

O15:1A1 Ramayana

TRIPATI (Sivadatta). Gadya Ramayanam, ed. by Ramadatta Tripati. O15:1A1z5 G7

RUBEN (Walter). Studien zur Textgeschichte des Ramayana. O15:1A1:90M1 113G6

O15:1A2 Mahabharata

TRIPATI (Sivadatta). Gadyabharatam. 2 pts. O15:1A2z5 G5.1—G5.2

ALASINGARACHARYA (M. D.). *Tr.* Mahabharatam. V. 3, V. 10. Pts. 3 and 4.

O15:1A2 33G1.5; 33G1.14 & 33G1.15

RAGHAVAN (V.). Greater gita. O15:1A2:9 111G8

VENKATASUBRAHMANYA SASTRY (P.). Rajasuya rahasyamu. O15:1A2:9 35G8

SURYANARAYANA SASTRI (S.). Sri Mahabharata rahasyamu. O15:1A2:9 35G81

JOHNSTON (E. H.). *Ed.* The Buddhacarita or, acts of the Buddha. Pt. 1. Sanskrit text. Pt. 2. Cantos i—xiv translated from the original Sanskrit, supplemented by the Tibetan version, etc.

O15:1D11 G5.1—G5.2

O15:1D40 Kalidasa

KALIDASA. Nalodaya: a Sanskrit historical poem in four books, with a comm. Subodhini, ed. by Jagannatha Sukla. O15:1D40:8 A

NARAYANA DAS (A.). Navarasa taranginhy or beauties of Shakespeare and Kalidas. O15:1D40:9 35F2

LILA SUKA. Krishna karnamirtam, tr. by M. Ramanujacharya Swami. O15:1E00:1 31G7

O15:1F00:1 Gita-Govinda

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Pz General Comparative Linguistics

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Sv	History
Sy8	Practical
S	Treatises
S:76	Intuition
S15	Child-psychology
S4	Vocational psychology
SM95	Psychoanalysis
SN12	Gestalt psychology
SN14	Individual psychology

Sv History of Psychology

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Sv1:N3 G7.1—G7.2

Sy8 Practical Psychology

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Sy8 G7

S Treatises

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 ALLERS (Rudolf). New psychologies. S G8
 THOULESS (Robert H.). General and social psychology: a text-book for students of economics and of social sciences. S G71

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SN14xM70:5 G8

T Education

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Preliminaries

Ta	Bibliography
Tb	Profession
Tv	History
Tw	Biographies
Ty8	Experiments
Tz7	Essays and lectures

T	Treatises
T0M	Vocational education
T0Y1	Education and society
T:2	Schools of education
T:3	Teaching methods
T:4	Educational organisation
T:44	Curriculum
T:471	Intelligence tests
T:5	School hygiene
T:81	Bilingualism
T:85	Visual instruction

T1:2L82 Kindergarten

T13	Preschool education
T15	Elementary education
T15:2L50	Pestalozzi
T15:2N12	Montessori
T15:3	Teaching methods in elementary schools

T2 Secondary education

T2:3	Teaching methods in secondary schools
T2:3A	Teaching of science in secondary schools
T2:3B	Teaching of mathematics in secondary schools
T2:44	Curriculum of secondary schools
T2:47	Educational measurements in secondary schools
T3	Adult education
T4	University education
T6	Education of the abnormals
T7	Education of the socially handicapped
T9Y131	Rural education

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development. Tv1:N3 G61

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Tv55:N2

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W:91	Foreign relations
W6	Democracy
W64	Dictatorship
W7	Utopia

Wv History of Political Thought

- DOYLE** (Phyllis). A history of political thought.
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X Economics

The following are the chief divisions under which the books in Economics are grouped:—

Xj to Xz	Preliminaries
Xz7	Lectures and essays
X	Treatises
X0V2	Indian economics
X:16	Standard of living
X:2	Production
X:3	Distribution
X:31	National income
X:32	Functional distribution
X:326	Capitalism
X:329	Wage-system
X:3M24	Socialism
X:3N20	Consumers' credit
X:4	Transport of commodities
X:5	Commerce
X:5:103	Commerce in the British Empire
X:5:1	World commerce
X:5:3	British commerce
X:5:73	United States commerce
X:51	Marketing
X:51b4	Marketing research
X:53	Tariff
X:54	Export and import
X:57	Exchange
X:7	Value

X:74	Business cycle
X:75	Economic plannnig
X:8	Economic organisation
X:81	Ownership
X:9	Labour problems
X:92	Labour market
X:94	Industrial hygiene
X:95	Service conditions
X:96	Trade unions
X4	Transport economics
X415	Railway economics
X6	Money and banking
X61	Currency
X6131	Gold currency
X62	Banking
X7	Public finance
X71	Budget
X72	Taxation
X75	Public debt
X796	Municipal and local finance
X895	Marine insurance
X9	Industrial economics
X9D	Engineering industries
X9D66	Electrical industries
X9J	Agricultural economics
X9J:51	Agricultural marketing
X9J:6	Agricultural finance
X9J:8	Agricultural organisation
X9J37	Economics of fruit-business
X9J771	Economics of cotton
X9M7	Textile industry

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X9MK31	Dairy industry
X9MK33	Meat industry
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X9MK35	Poultry industry
XM25	Co-operation
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XM25::3	Co-operation in Great Britain
XM25::571	Co-operation in Sweden
XM259J	Agricultural co-operation
XN12	Public utilities

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X0V2 Indian Economics

- GOVINDACHARY (Atmakuri). Bharatadesamu arthika-charitra: Indian economics. 2 V.
X0V2 35G5.1—G5.2

X:16 Standard of Living

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X:3 Distribution

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SOME OPINIONS

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In many respects it is original. The author combines the culture of India with the scholarship of England ... There is much of value to the student in Ranganathan's penetrating and intelligent discussion ... In some post graduate course a degree might well be earned by a reconstructive study of these canons.—*The Library Quarterly*.

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BY

S. R. RANGANATHAN, M.A., L.T., F.L.A.

SOME OPINIONS

Rao Saheb Ranganathan is one of the foremost Librarians in the country today; he is one of the two individuals who have placed India on the Library map of the world. His contributions to librarianship are always eagerly awaited and carefully studied ... Rao Saheb Ranganathan deserves our thanks for this excellent restatement of cataloguing principles. He has brought side by side for comparison and criticism the cataloguing theories of Cutter, Mann, Sharp, Quinn and the Anglo-American Code, criticised these wherever necessary and has given us a treatise worthy of a great librarian.—*The Times of India*.

In the present work he examines the theoretical foundations of cataloguing practice and, in particular, compares in detail the classified with dictionary type of catalogue, to the advantage of the former. The book is written with that careful logic and comprehensive grasp of detail to which we have become accustomed in Mr. Ranganathan's writing.—*The Madras Mail*.

This is a substantial contribution to the technique of cataloguing ... The urgent need for the revision of the A.A. Code and Cutter's Rules is abundantly brought home ... It expounds all the fundamental principles in an original, learned and scientific manner.—*The Hindu*.

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Of this prolific writer's books this is probably the most comprehensive with regard to its subject, and it is penetrating too, as the others have been. It will, we think, reward careful study.—*Organization of knowledge in libraries* by Henry Evelyn Bliss.

Mr. Ranganathan has given us a most challenging, thought-provoking book, and Indian librarianship should count itself fortunate that it has among it a man of his ability and insight. It is one of those occasional professional books that are a delight to read and fascinating to ponder over.—*Library Association record*.

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